

Marsh Inventory No.: 428 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: K. White.

Marsh Inventory No.: 427 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: Struse-Arrowhead
Farm.

Marsh Inventory No.: 426 **COE Permit No.:** **Size (ha):** 0.081
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: J.R. Griswold.

Marsh Inventory No.: 425 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: D.M. Palmer.

Marsh Inventory No.: 424 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: B.E. Blake.

Marsh Inventory No.: 423 **COE Permit No.:** **Size (ha):** 0.081
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: H.T. Winner.

Marsh Inventory No.: 422 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: Bob Harris.

Marsh Inventory No.: 421 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: A. Van Dyke.

Marsh Inventory No.: 420 **COE Permit No.:** **Size (ha):** 0.040
State: MD **County:** Bay :
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Masone.

Marsh Inventory No.: 309 **COE Permit No.:** **Size (ha):** 8.701

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Dredged material stabilization project.. Marsh name: Barren Island

Marsh Inventory No.: 444 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: L.G. Wineland.

Marsh Inventory No.: 443 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: T. Morison.

Marsh Inventory No.: 442 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Benjamin Florence.

Marsh Inventory No.: 441 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: D. Gregg III.

Marsh Inventory No.: 440 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. B. Scofield, Jr.

Marsh Inventory No.: 439 **COE Permit No.:** **Size (ha):** 0.324

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Kent Narrows.

Marsh Inventory No.: 438 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: W.II. Van Dusen-Spitzer.

Marsh Inventory No.: 437 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: E. Miller (Emerson Pt.).

Marsh Inventory No.: 436 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. King.

Marsh Inventory No.: 435 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: L.G. Conner.

Marsh Inventory No.: 434 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R.C. Morris.

Marsh Inventory No.: 433 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. Kleffer, Jr.

Marsh Inventory No.: 432 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: S.M. Bothe.

Marsh Inventory No.: 431 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C.C. Bond.

Marsh Inventory No.: 430 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Dennis Berg.

Marsh Inventory No.: 479 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: M. Millennann.

Marsh Inventory No.: 478 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. Gladstone.

Marsh Inventory No.: 477 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: G. Bunting.

Marsh Inventory No.: 476 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. Barrett.

Marsh Inventory No.: 475 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: M.D. Clark.

Marsh Inventory No.: 474 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: W.T. Hershey.

Marsh Inventory No.: 473 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: A.J. Clark.

Marsh Inventory No.: 472 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C.W. King.

Marsh Inventory No.: 471 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: W.M. Cooper.

Marsh Inventory No.: 470 COE Permit No.: Size (ha): 0.121

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: T.M. Rauch.

Marsh Inventory No.: 469 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: S. Gillicee.

Marsh Inventory No.: 468 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. Polevoy.

Marsh Inventory No.: 467 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Dr. A. Kaplan.

Marsh Inventory No.: 466 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: T. McMahon.

Marsh Inventory No.: 465 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Eco Smugglers Cove.

Marsh Inventory No.: 464 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Dr. P.D. Kay.

Marsh Inventory No.: 463 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Ms. P. Bryan.

Marsh Inventory No.: 462 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.B. Robertson.

Marsh Inventory No.: 461 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.J. Cottrell.

Marsh Inventory No.: 460 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: E.L. Strohbehn.

Marsh Inventory No.: 459 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: W. Brennen.

Marsh Inventory No.: 458 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: S.M. Margolis.

Marsh Inventory No.: 457 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Albert G. Gipe.

Marsh Inventory No.: 456 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: G. G. Tucker.

Marsh Inventory No.: 455 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: DNR Wye Island Demo-SCS.

Marsh Inventory No.: 454 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Dr. E. Throop.

Marsh Inventory No.: 453 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Hartages Yacht Club.

Marsh Inventory No.: 452 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.J. Young

Marsh Inventory No.: 451 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.K. Hyatt.

Marsh Inventory No.: 450 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: M. Sami.

Marsh Inventory No.: 449 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Hooper Island Marsh.

Marsh Inventory No.: 448 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Thomas Point Restoration.

Marsh Inventory No.: 446 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C.H. Hardesty.

Marsh Inventory No.: 445 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Mrs. R. H. Lee.

Marsh Inventory No.: 505 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: M. Franks.

Marsh Inventory No.: 504 **COE Permit No.:** **Size (ha):** 0.202

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Nassetta-Phillips.

Marsh Inventory No.: 503 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Jensens-Ed Fisher.

Marsh Inventory No.: 502 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: P.J. Janson.

Marsh Inventory No.: 501 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: General A.J. Goodpaster.

Marsh Inventory No.: 500 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. Timbie.

Marsh Inventory No.: 499 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: P. Wilmerding.

Marsh Inventory No.: 498 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Mr. L. Root.

Marsh Inventory No.: 497 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: G.R. Kilbourn, Jr.

Marsh Inventory No.: 496 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: S. Shaare.

Marsh Inventory No.: 495 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: G. Taylor.

Marsh Inventory No.: 494 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R.R. Price.

Marsh Inventory No.: 493 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.B. Wilson.

Marsh Inventory No.: 492 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.K. Hyatt.

Marsh Inventory No.: 491 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R.L. Counts.

Marsh Inventory No.: 490 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: E.A. Rommel, III.

Marsh Inventory No.: 489 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C.E. Peck.

Marsh Inventory No.: 488 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: L. Beaumont.

Marsh Inventory No.: 487 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R.A. Simmons.

Marsh Inventory No.: 486 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box

P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Horn Point.

Marsh Inventory No.: 485 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Mr. L. Tucker.

Marsh Inventory No.: 484 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: M.S. Kozel.

Marsh Inventory No.: 483 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: D. Proctor.

Marsh Inventory No.: 538 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: D. Hamilton.

Marsh Inventory No.: 537 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: F.V. Lawrence III.

Marsh Inventory No.: 536 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Ali Mehrizi.

Marsh Inventory No.: 535 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Dr. E.H. Breen.

Marsh Inventory No.: 534 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box
P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Dr. W. Jewell.

Marsh Inventory No.: 533 **COE Permit No.:** **Size (ha):** 0.121

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.J. Roberts.

Marsh Inventory No.: 532 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Doreen Hamilton, Irish Creek.

Marsh Inventory No.: 531 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: A.E. MacKay.

Marsh Inventory No.: 530 **COE Permit No.:** **Size (ha):** 0.243

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Robert Gladstone.

Marsh Inventory No.: 529 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: W. Gettsinger.

Marsh Inventory No.: 528 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Karl Krieger.

Marsh Inventory No.: 526 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C.J. Zamoiske.

Marsh Inventory No.: 525 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Ships Point.

Marsh Inventory No.: 524 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: M. Harriman.

Marsh Inventory No.: 523 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R. Garrett.

Marsh Inventory No.: 522 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Don Olson.

Marsh Inventory No.: 521 COE Permit No.: Size (ha): 0.121

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Anchorage Marina.

Marsh Inventory No.: 520 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Rock Harbor Planting.

Marsh Inventory No.: 519 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Church Creek Marsh.

Marsh Inventory No.: 518 COE Permit No.: Size (ha): 0.202

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Bodkin Island.

Marsh Inventory No.: 517 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: G. Carlson.

Marsh Inventory No.: 516 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J. Cobbs.

Marsh Inventory No.: 515 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C. Petty.

Marsh Inventory No.: 514 COE Permit No.: Size (ha): 0.243

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Mario-Boiardi-Wye Mills.

Marsh Inventory No.: 513 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: B. DuPont.

Marsh Inventory No.: 512 COE Permit No.: Size (ha): 0.202

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Cheston on Wye.

Marsh Inventory No.: 511 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J. MacMartin.

Marsh Inventory No.: 321 COE Permit No.: Size (ha): 0.405

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: . Marsh name: D. B. Cober

Marsh Inventory No.: 556 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Thomas Boone/Maxmore Creek.

Marsh Inventory No.: 555 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Fred C. Meensden/San Domingo Creek.

Marsh Inventory No.: 554 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Laurence E. Diggs III.

Marsh Inventory No.: 553 COE Permit No.: Size (ha): 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Stephanie Trivis/Island Creek.

Marsh Inventory No.: 552 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: R.D. Young/Broad Creek.

Marsh Inventory No.: 551 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Joseph L. Morris.

Marsh Inventory No.: 550 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Richard D. Richards.

Marsh Inventory No.: 549 **COE Permit No.:** **Size (ha):** 0.121

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Nord/Cummings Creek.

Marsh Inventory No.: 548 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: H.W. Barrick/Wye River.

Marsh Inventory No.: 547 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Gilbert Hahn/Harris Creek.

Marsh Inventory No.: 546 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Schreiner/Harris Creek

Marsh Inventory No.: 545 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Edgar Garbisch/San Domingo Creek.

Marsh Inventory No.: 544 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Paul Makosky/Barrett's Cove.

Marsh Inventory No.: 543 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Reihl III/Maxmore Creek.

Marsh Inventory No.: 542 COE Permit No.: Size (ha): 0.567

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Rouse Corporation.

Marsh Inventory No.: 582 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: J.F. Moore/Trippe Creek.

Marsh Inventory No.: 581 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Robert Price III/Wye River.

Marsh Inventory No.: 580 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: C.J. Lambertson/Ledenham Creek.

Marsh Inventory No.: 579 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Edgar Garbisch

Marsh Inventory No.: 578 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: William S. Gaines/San Domingo Creek.

Marsh Inventory No.: 577 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Bishop Sorge/Island Creek.

Marsh Inventory No.: 576 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: W.R. Simpson/Miles River.

Marsh Inventory No.: 575 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Wilson/Harris Creek.

Marsh Inventory No.: 574 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: George White/Wye River.

Marsh Inventory No.: 573 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Donald Zeman/Ball's Creek.

Marsh Inventory No.: 572 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Richard M. Siegal/Island Creek.

Marsh Inventory No.: 571 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box

P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Robert M. Valliant/Plaindealing Creek.

Marsh Inventory No.: 570 **COE Permit No.:** **Size (ha):** 0.202

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Howard W. Williams/Island Creek.

Marsh Inventory No.: 569 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: James Arnold/Glebe Creek.

Marsh Inventory No.: 568 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Colin Ferenback/Plaindealing Creek.

Marsh Inventory No.: 567 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Richard Crowley/LeGates Cove.

Marsh Inventory No.: 566 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John L. Cobbs/San Domingo Creek.

Marsh Inventory No.: 565 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Clinton Taylor/Folly's Cove.

Marsh Inventory No.: 563 **COE Permit No.:** **Size (ha):** 0.202

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Alan Geller/Huntington Creek.

Marsh Inventory No.: 562 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Charles Peck/Solitude Creek.

Marsh Inventory No.: 561 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: L. David Reynolds/San Domingo Creek.

Marsh Inventory No.: 560 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Muriel Blumenthal/Trippe Creek.

Marsh Inventory No.: 559 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Janet Brown/Goose Cove.

Marsh Inventory No.: 594 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Craig Henry/Broad Creek.

Marsh Inventory No.: 593 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Sumner Park/Shipshead Creek.

Marsh Inventory No.: 592 COE Permit No.: Size (ha): 0.040

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Edward Dwyer/Oak Creek.

Marsh Inventory No.: 591 COE Permit No.: Size (ha): 0.081

State: MD County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Peter Black/Maxmore Creek.

Marsh Inventory No.: 590 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Richard Granville/Tar Creek.

Marsh Inventory No.: 588 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Stephen Miller.

Marsh Inventory No.: 587 **COE Permit No.:** **Size (ha):** 0.162

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Clayton Hurt.

Marsh Inventory No.: 586 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Michael Abramo/Wye River.

Marsh Inventory No.: 584 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Archie MacKay/Snug Harbor.

Marsh Inventory No.: 583 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Oscar Carlson.

Marsh Inventory No.: 599 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Robert Simmons/Cummings Creek.

Marsh Inventory No.: 598 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Langly Shook/San Domingo Creek.

Marsh Inventory No.: 597 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: William Baldwin.

Marsh Inventory No.: 596 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Combined Sewer Overflow Project.

Marsh Inventory No.: 614 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Mary Hagy.

Marsh Inventory No.: 613 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Carol McGowan.

Marsh Inventory No.: 612 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Sergio Proserpi.

Marsh Inventory No.: 611 **COE Permit No.:** **Size (ha):** 0.162

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Paul Fleagane.

Marsh Inventory No.: 610 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Jan Gervin.

Marsh Inventory No.: 609 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Elliott Bliss.

Marsh Inventory No.: 608 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Cove View Condos.

Marsh Inventory No.: 607 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Maritime Museum/Chesapeake Bay.

Marsh Inventory No.: 606 **COE Permit No.:** **Size (ha):** 0.162

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Reilly.

Marsh Inventory No.: 605 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Joseph Schuble.

Marsh Inventory No.: 604 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Garth Harding.

Marsh Inventory No.: 603 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Thorman.

Marsh Inventory No.: 602 **COE Permit No.:** **Size (ha):** 0.121

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Willard Parker.

Marsh Inventory No.: 601 **COE Permit No.:** **Size (ha):** 0.121

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: John Akridge.

Marsh Inventory No.: 600 **COE Permit No.:** **Size (ha):** 0.081

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Robert Kennedy.

Marsh Inventory No.: 447 **COE Permit No.:** **Size (ha):** 0.040

State: MD **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc.. Marsh name: Queenslanding.

Marsh Inventory No.: 672 **COE Permit No.:** **Size (ha):** 0.708

State: MA **County:** Suffolk **Bay :** Boston Harbor

Source of information: Ms. Laurie Cullen, Massport, (617) 973-5389

Comments: . Marsh name: Massport/Logan Airport.

Marsh Inventory No.: 615 **COE Permit No.:** **Size (ha):**

State: MA **County:** Suffolk / Norfolk **Bay :**

Source of information: Dr. Lars H. Carlson, Sverdrup Corp., 2 Center Plaza, Boston, MA 02108-1906, (617) 742-8060; or Dr. Norton H. Nickerson, Dept. of Biology, Tufts Univ., Medford, MA 02155, (617) 627-3544 FEIS/Report, Old Colony Railroad Rehabilitation Project. (EOEA 5840).

Comments: . Marsh name: Old Colony Railroad rehabilitation project.

Marsh Inventory No.: 415 **COE Permit No.:** **Size (ha):** 0.202

State: MA **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. , Inc.. Marsh name: Quincy MA.

Marsh Inventory No.: 131 **COE Permit No.:** MS87-00966-Y **Size (ha):** 0.040

State: MS **County:** Hancock **Bay :** Mississippi Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 133 **COE Permit No.:** MS91-01502-I **Size (ha):** 0.259

State: MS **County:** Harrison **Bay :** Mississippi Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 132 **COE Permit No.:** MS90-02404-H **Size (ha):** 0.004

State: MS **County:** Jackson **Bay :** Mississippi Sound; Bayou Cassotte

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 134 **COE Permit No.:** MS91-01824-U **Size (ha):** 0.028

State: MS **County:** Jackson **Bay :** Mississippi Sound; Pascagoula River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

- Marsh Inventory No.:** 668 **COE Permit No.:** **Size (ha):** 0.405
State: NH **County:** Rockingham **Bay :** Little Harbor
Source of information: Mr. Frank Richardson, NH Wetlands Board, (603) 271-2147
Comments: . Marsh name: Wentworth Hotel.
- Marsh Inventory No.:** 669 **COE Permit No.:** **Size (ha):** 0.405
State: NH **County:** Rockingham **Bay :** North Mill Pond
Source of information: Mr. Dan McHugh, Great Meadow Farms, Sawyer Island, Rowley, MA 01969, (508) 948-7870
Comments: . Marsh name: NH Port Authority.
- Marsh Inventory No.:** 671 **COE Permit No.:** **Size (ha):** 1.214
State: NH **County:** Rockingham **Bay :** Rye Harbor
Source of information: Mr. Pete Helm, New Hampshire Office of State Planning, Coastal Program, 2-1/2 Beacon Street, Concord, NH 03301, (603) 271-2155
Comments: . Marsh name: Awcomin Marsh.
- Marsh Inventory No.:** 388 **COE Permit No.:** **Size (ha):** 0.081
State: NJ **County:** **Bay :**
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc. . Marsh name: Tidal Stream.
- Marsh Inventory No.:** 404 **COE Permit No.:** **Size (ha):** 0.040
State: NJ **County:** **Bay :**
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc. . Marsh name: Sloop Creek (C1-3).
- Marsh Inventory No.:** 409 **COE Permit No.:** **Size (ha):** 0.081
State: NJ **County:** **Bay :**
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc. . Marsh name: Monmouth County.
- Marsh Inventory No.:** 302 **COE Permit No.:** **Size (ha):** 0.405
State: NJ **County:** **Bay :**
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620
Comments: Tidal marsh mitigation project.. Marsh name: SI-3B OSCA
- Marsh Inventory No.:** 300 **COE Permit No.:** **Size (ha):** 2.266
State: NJ **County:** **Bay :**
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620
Comments: Built by Environmental Concern, Inc.. Marsh name: R-1 Contract
- Marsh Inventory No.:** 414 **COE Permit No.:** **Size (ha):** 0.121
State: NJ **County:** **Bay :**
Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box

P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . Marsh name: Shark River Island.

Marsh Inventory No.: 481 **COE Permit No.:** **Size (ha):** 2.064

State: NJ **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . Marsh name: Newton Creek.

Marsh Inventory No.: 506 **COE Permit No.:** **Size (ha):** 2.266

State: NJ **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . Marsh name: Pennsauken Wetland.

Marsh Inventory No.: 540 **COE Permit No.:** **Size (ha):** 0.162

State: NJ **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . Marsh name: Tozour.

Marsh Inventory No.: 539 **COE Permit No.:** **Size (ha):** 1.416

State: NJ **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . Marsh name: NJ Route 130.

Marsh Inventory No.: 353 **COE Permit No.:** **Size (ha):**

State: NY **County:** Bronx **Bay :** Pelham Bay

Source of information: Mr. Marc Matsil, Director of the Natural Resources Group, City of New York Parks and Recreation, 1234 5th Avenue, Rm. 233, New York, NY 10029, (212) 360-1417

Comments: This is a restoration project. Marsh was not planted as of 3/93.. Marsh name: Twin Island Marsh.

Marsh Inventory No.: 354 **COE Permit No.:** **Size (ha):**

State: NY **County:** Queens **Bay :**

Source of information: Mr. Marc Matsil, Director of the Natural Resources Group, City of New York Parks and Recreation, 1234 5th Avenue, Rm. 233, New York, NY 10029, (212) 360-1417

Comments: . Marsh name: Alley Creek.

Marsh Inventory No.: 355 **COE Permit No.:** **Size (ha):** 0.405

State: NY **County:** Richmond **Bay :** Arthur Kill; Old Place Creek

Source of information: Mr. Marc Matsil, Director of the Natural Resources Group, City of New York Parks and Recreation, 1234 5th Avenue, Rm. 233, New York, NY 10029, (212) 360-1417

Comments: .

Marsh Inventory No.: 285 **COE Permit No.:** **Size (ha):** 0.809

State: NY **County:** Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Shoreline erosion control project.. **Marsh name:** Centerport Harbor

Marsh Inventory No.: 290 **COE Permit No.:** **Size (ha):** 5.666

State: NY **County:** **Bay :**

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Dredged material stabilization project.. **Marsh name:** Seaford.

Marsh Inventory No.: 297 **COE Permit No.:** **Size (ha):** 4.047

State: NY **County:** **Bay :**

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Tidal marsh restoration project.. **Marsh name:** Port Washington - Solomon

Marsh Inventory No.: 139 **COE Permit No.:** 88-N-010-0329 **Size (ha):** 0.728

State: NC **County:** Brunswick **Bay :** AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 138 **COE Permit No.:** 86-N-010-0178 **Size (ha):** 0.355

State: NC **County:** Brunswick **Bay :** AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 140 **COE Permit No.:** 85-N-015-0276 **Size (ha):** 0.012

State: NC **County:** Camden **Bay :** Albemarle Sound; Pasquotank River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 146 **COE Permit No.:** 87-N-016-0307 **Size (ha):** 0.607

State: NC **County:** Carteret **Bay :** Newport River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 147 **COE Permit No.:** 88-N-016-0372 **Size (ha):** 0.425

State: NC **County:** Carteret **Bay :** Pamlico Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 148 **COE Permit No.:** 90-N-028-0301 **Size (ha):** 0.012

State: NC **County:** Dare **Bay :** Pamlico Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 141 **COE Permit No.:** 91-N-065-0091 **Size (ha):** 0.045

State: NC **County:** New Hanover **Bay :** Cape Fear River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 143 **COE Permit No.:** 85-N-065-0146 **Size (ha):** 0.005

State: NC **County:** New Hanover **Bay :** Masonboro Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 145 **COE Permit No.:** 89-N-067-0381 **Size (ha):** 0.035

State: NC **County:** Onslow **Bay :** New River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 142 **COE Permit No.:** 86-N-010-0057 **Size (ha):** 0.024

State: NC **County:** Pasquotank **Bay :** Little River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 137 **COE Permit No.:** 86-N-071-0047 **Size (ha):** 0.486

State: NC **County:** Pender **Bay :** AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 136 **COE Permit No.:** 84-N-065-0033 **Size (ha):** 0.051

State: NC **County:** Bay : AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 135 **COE Permit No.:** 83-N-010-0103 **Size (ha):** 0.202

State: NC **County:** Bay : AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .**Marsh Inventory No.: 649 COE Permit No.: Size (ha):****State: NC County: Bay :** Albermarle Sound**Source of information:** Donald W. Hamer, U.S. Soil Conservation Service, 1536 Rt. 9 North, Cape May Court House, NJ 08210 (609) 465-5901**Comments:** No *S. alterniflora* planted..**Marsh Inventory No.: 628 COE Permit No.: Size (ha): 0.405****State: NC County: Bay :** Bogue Sound**Source of information:** Dr. Stephen S. Broome, North Carolina State Univ., Dept. of Soil Science, Box 7619, Raleigh, NC 27695-7619, (919) 515-2643 (Broome, 1986)**Comments:** Was planted on 0.45, 0.6, and 0.9-m centers. Stand appears to have filled in well, forming a border marsh in front of a bulkhead..**Marsh Inventory No.: 631 COE Permit No.: Size (ha):****State: NC County: Bay :** Cape Fear River; Snow's Cut.**Source of information:** Dr. Christopher B. Craft, Duke Univ. Wetland Center, School of the Environment, Duke University, Durham, NC 27706, (919) 684-2619 (Craft, 1988)**Comments:** Was reported in a study comparing the organics and nutrients of man-made and natural *S. alterniflora* marshes. This marsh was about 13 years old..**Marsh Inventory No.: 144 COE Permit No.: 84-N-065-0009 Size (ha): 0.006****State: NC County: Bay :** Middle Sound; Motts Channel**Source of information:** Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.**Comments: .****Marsh Inventory No.: 666 COE Permit No.: Size (ha): 1.214****State: NC County: Bay :** Pamlico Sound**Source of information:** Dr. Stephen S. Broome, North Carolina State Univ., Dept. of Soil Science, Box 7619, Raleigh, NC 27695-7619, (919) 515-2643 (Broome, 1989)**Comments:** Thought to be planted on 0.7-m centers. Stand appears to have filled in well, forming a well developed marsh along a tidal channel..**Marsh Inventory No.: 629 COE Permit No.: Size (ha): 0.040****State: NC County: Bay :** Pamlico Sound; Neuse River**Source of information:** Dr. Stephen S. Broome, North Carolina State Univ., Dept. of Soil Science, Box 7619, Raleigh, NC 27695-7619, (919) 515-2643 (Broome, 1983)**Comments:** Test of fertilizers on *S. alterniflora* growth..**Marsh Inventory No.: 632 COE Permit No.: Size (ha):****State: NC County: Bay :** Pamlico Sound; Oregon Inlet.**Source of information:** Dr. Christopher B. Craft, Duke Univ. Wetland Center, School of the Environment, Duke University, Durham, NC 27706, (919) 684-2619 (Craft, 1988)**Comments:** Was reported in a study comparing the organics and nutrients of man-made and natural *S. alterniflora* marshes. This marsh was about 15 years old..**Marsh Inventory No.: 640 COE Permit No.: Size (ha):****State: NC County: Bay :** Pamlico Sound; Pamlico River; Durham Creek.**Source of information:** Dr. Christopher B. Craft, Duke Univ. Wetland Center, School of the Environment, Duke University, Durham, NC 27706, (919) 684-2619 (Craft, 1988)

Comments: Was reported in a study comparing the organics and nutrients of man-made and natural *S. alterniflora* marshes. This marsh was about 4 years old..

Marsh Inventory No.: 641 **COE Permit No.:** **Size (ha):**

State: NC **County:** Bay : Pamlico Sound; Pamlico River; Durham Creek.

Source of information: Dr. Christopher B. Craft, Duke Univ. Wetland Center, School of the Environment, Duke University, Durham, NC 27706, (919) 684-2619 (Craft, 1988)

Comments: Was reported in a study comparing the organics and nutrients of man-made and natural *S. alterniflora* marshes. This marsh was a little over 1-yr old..

Marsh Inventory No.: 630 **COE Permit No.:** **Size (ha):** 0.405

State: NC **County:** Bay : Roanoke Sound

Source of information: Dr. Stephen S. Broome, North Carolina State Univ., Dept. of Soil Science, Box 7619, Raleigh, NC 27695-7619, (919) 515-2643 (Broome, 1987)

Comments: This marsh was still surviving and protecting the shore from erosion in 1987..

Marsh Inventory No.: 657 **COE Permit No.:** **Size (ha):** 0.202

State: RI **County:** Washington Bay : Winnapaug Pond

Source of information: Mr. Paul J. Shea, Independent Environmental Consultants, Inc., Exeter, RI, (401) 294-3909

Comments: This was an inkind mitigation/restoration.

Marsh Inventory No.: 152 **COE Permit No.:** 90-2X-018 **Size (ha):** 0.121

State: SC **County:** Beaufort Bay : AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 168 **COE Permit No.:** 88-2A-101 **Size (ha):** 0.923

State: SC **County:** Beaufort Bay : Port Royal Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 167 **COE Permit No.:** 90-3A-383 **Size (ha):** 0.032

State: SC **County:** Beaufort Bay : Port Royal Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 166 **COE Permit No.:** 91-2A-004 **Size (ha):** 0.028

State: SC **County:** Beaufort Bay : Port Royal Sound

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 165 **COE Permit No.:** 84-2Z-031 **Size (ha):** 0.291

State: SC **County:** Beaufort Bay : Port Royal Sound; Beaufort River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 153 **COE Permit No.:** 82-4C-294 **Size (ha):** 0.364

State: SC **County:** Charleston **Bay :** Ashley River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 158 **COE Permit No.:** 89-2T-262 **Size (ha):** 6.071

State: SC **County:** Charleston **Bay :** Charleston Harbor

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 157 **COE Permit No.:** 90-2A-189 **Size (ha):** 0.291

State: SC **County:** Charleston **Bay :** Charleston Harbor

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 156 **COE Permit No.:** 88-2B-234 **Size (ha):** 0.486

State: SC **County:** Charleston **Bay :** Charleston Harbor

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 155 **COE Permit No.:** 86-2B-331 **Size (ha):** 2.226

State: SC **County:** Charleston **Bay :** Charleston Harbor

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 154 **COE Permit No.:** 85-3T-316 **Size (ha):** 0.081

State: SC **County:** Charleston **Bay :** Charleston Harbor

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 161 **COE Permit No.:** 85-3S-211 **Size (ha):** 0.049

State: SC **County:** Charleston **Bay :** Cooper River; Shem Creek

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 160 **COE Permit No.:** 84-3Z-320 **Size (ha):** 0.006
State: SC **County:** Charleston **Bay :** Cooper River; Wando River
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 163 **COE Permit No.:** 90-2A-025 **Size (ha):** 0.405
State: SC **County:** Charleston **Bay :** North Edisto River
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 171 **COE Permit No.:** 86-3D-219 **Size (ha):** 0.008
State: SC **County:** Charleston **Bay :** Stono River
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 170 **COE Permit No.:** 85-2D-114 **Size (ha):** 0.005
State: SC **County:** Charleston **Bay :** Stono River
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 169 **COE Permit No.:** 84-2Z-058 **Size (ha):** 0.728
State: SC **County:** Charleston **Bay :** Stono River
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 149 **COE Permit No.:** 89-3X-217 **Size (ha):** 0.012
State: SC **County:** Charleston **Bay :**
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 174 **COE Permit No.:** 89-3T-289 **Size (ha):** 0.174
State: SC **County:** Georgetown **Bay :** Winyah Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 173 **COE Permit No.:** 87-3D-298 **Size (ha):** 0.295
State: SC **County:** Georgetown **Bay :** Winyah Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,

Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 151 **COE Permit No.:** 83-4Z-278 **Size (ha):** 0.093

State: SC **County:** Bay : AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 150 **COE Permit No.:** 82-3C-172 **Size (ha):** 0.202

State: SC **County:** Bay : AIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 159 **COE Permit No.:** 82-3C-221 **Size (ha):** 0.232

State: SC **County:** Bay : Cooper River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 162 **COE Permit No.:** 83-3Z-218 **Size (ha):** 0.102

State: SC **County:** Bay : Jarvis Creek

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 164 **COE Permit No.:** 83-5D-110 **Size (ha):** 0.809

State: SC **County:** Bay : Port Royal Sound; Broad River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 172 **COE Permit No.:** 83-3Z-203 **Size (ha):** 0.019

State: SC **County:** Bay : Wando River

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 180 **COE Permit No.:** 18189 **Size (ha):** 0.243

State: TX **County:** Aransas **Bay :** Aransas Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
(813) 893-3503.

Comments: .

Marsh Inventory No.: 178 **COE Permit No.:** 16622(01) **Size (ha):** 0.069
State: TX **County:** Aransas **Bay :** Aransas Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 176 **COE Permit No.:** 17326 **Size (ha):** 0.020
State: TX **County:** Aransas **Bay :** Aransas Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 175 **COE Permit No.:** 16622 **Size (ha):** 0.008
State: TX **County:** Aransas **Bay :** Aransas Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 227 **COE Permit No.:** 16830 **Size (ha):** 0.894
State: TX **County:** Brazoria **Bay :** Galveston Bay; West Bay; Oyster Creek
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 215 **COE Permit No.:** 17026 **Size (ha):** 0.304
State: TX **County:** Calhoun **Bay :** Matagorda Bay; Carancahua Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 213 **COE Permit No.:** 16519 **Size (ha):** 0.020
State: TX **County:** Calhoun **Bay :** Matagorda Bay; Carancahua Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 216 **COE Permit No.:** 14541(02) **Size (ha):** 0.809
State: TX **County:** Calhoun **Bay :** Matagorda Bay; Lavaca Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 224 **COE Permit No.:** 17955 **Size (ha):** 0.202
State: TX **County:** Calhoun **Bay :** San Antonio Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;

(813) 893-3503.

Comments: .

Marsh Inventory No.: 704 **COE Permit No.:** 15341(01) **Size (ha):**

State: TX **County:** Cameron **Bay :** Laguna Madre

Source of information: Mr. Gary Galbraith, Espey, Huston & Ass, Inc., (512) 327-6840

Comments: *S. alterniflora* was planted on 3-ft centers..

Marsh Inventory No.: 211 **COE Permit No.:** 17533 **Size (ha):** 0.040

State: TX **County:** Cameron **Bay :** Laguna Madre

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503..

Comments: .

Marsh Inventory No.: 209 **COE Permit No.:** 17526 **Size (ha):** 0.263

State: TX **County:** Cameron **Bay :** Laguna Madre

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 208 **COE Permit No.:** 16147 **Size (ha):** 0.527

State: TX **County:** Cameron **Bay :** Laguna Madre

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 699 **COE Permit No.:** 15537(05) **Size (ha):** 1.222

State: TX **County:** Cameron **Bay :** Laguna Madre; Lower

Source of information: Phoenix Huston Construction Co., Inc., P.O. Box 73562, Houston, TX 77273, (713) 580-4776

Comments: *S. alterniflora* was planted as single stems on 3-ft centers.. Marsh name: Boardwalk.

Marsh Inventory No.: 201 **COE Permit No.:** 17837 **Size (ha):** 3.238

State: TX **County:** Chambers **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 198 **COE Permit No.:** 17664 **Size (ha):** 0.040

State: TX **County:** Chambers **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 193 **COE Permit No.:** 17318 **Size (ha):** 1.113

State: TX **County:** Chambers **Bay :** Galveston Bay; East Bay; GIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 205 **COE Permit No.:** 18052 **Size (ha):** 0.004

State: TX **County:** Galveston **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 203 **COE Permit No.:** 17848 **Size (ha):** 0.567

State: TX **County:** Galveston **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 200 **COE Permit No.:** 17962 **Size (ha):** 0.036

State: TX **County:** Galveston **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 183 **COE Permit No.:** 13636(02) **Size (ha):** 0.040

State: TX **County:** Galveston **Bay :** Galveston Bay; Clear Lake

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 182 **COE Permit No.:** 13926(01) **Size (ha):** 0.186

State: TX **County:** Galveston **Bay :** Galveston Bay; Clear Lake; Jarbo Bayou

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 197 **COE Permit No.:** 16379 **Size (ha):** 0.405

State: TX **County:** Galveston **Bay :** Galveston Bay; Dickinson Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 194 **COE Permit No.:** 18034 **Size (ha):** 0.022

State: TX **County:** Galveston **Bay :** Galveston Bay; East Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 206 **COE Permit No.:** 18891 **Size (ha):** 0.081
State: TX **County:** Galveston **Bay :** Galveston Bay; Jones Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 234 **COE Permit No.:** 17800 **Size (ha):** 0.809
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 233 **COE Permit No.:** 18958 **Size (ha):** 1.918
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 231 **COE Permit No.:** 17875 **Size (ha):** 0.239
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 230 **COE Permit No.:** 17937 **Size (ha):** 0.004
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 225 **COE Permit No.:** 16677 **Size (ha):** 0.405
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 235 **COE Permit No.:** 18982 **Size (ha):** 0.081
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay; Offatts Bayou
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.
Comments: .

Marsh Inventory No.: 232 **COE Permit No.:** 18330/1 **Size (ha):** 2.258
State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay; Offatts Bayou
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,

Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 228 **COE Permit No.:** 17073 **Size (ha):** 0.405

State: TX **County:** Galveston **Bay :** Galveston Bay; West Bay; Offatts Bayou

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 229 **COE Permit No.:** 17240 **Size (ha):** 0.567

State: TX **County:** Galveston ? **Bay :** Galveston Bay; West Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 204 **COE Permit No.:** 18195 **Size (ha):** 0.040

State: TX **County:** Harris **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 202 **COE Permit No.:** 17759 **Size (ha):** 1.578

State: TX **County:** Harris **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 199 **COE Permit No.:** 17866 **Size (ha):** 0.093

State: TX **County:** Harris **Bay :** Galveston Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 181 **COE Permit No.:** 16601(01) **Size (ha):** 0.012

State: TX **County:** Harris ? **Bay :** Galveston Bay; Clear Lake; Clear Creek

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 223 **COE Permit No.:** 19377 **Size (ha):** 0.121

State: TX **County:** Jefferson **Bay :** Sabine Lake

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 190 **COE Permit No.:** 16533 **Size (ha):** 0.389
State: TX **County:** Nueces **Bay :** Corpus Christi Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 189 **COE Permit No.:** 17371 **Size (ha):** 0.809
State: TX **County:** Nueces **Bay :** Corpus Christi Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 188 **COE Permit No.:** 13192(05) **Size (ha):** 1.214
State: TX **County:** Nueces **Bay :** Corpus Christi Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 185 **COE Permit No.:** 16816 **Size (ha):** 0.567
State: TX **County:** Nueces **Bay :** Corpus Christi Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 187 **COE Permit No.:** 17191 **Size (ha):** 0.036
State: TX **County:** Nueces **Bay :** Corpus Christi Bay; La Quinta Channel
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 217 **COE Permit No.:** 18020 **Size (ha):** 3.035
State: TX **County:** Nueces **Bay :** Corpus Christi Bay; Nueces Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 218 **COE Permit No.:** 16213 **Size (ha):** 1.680
State: TX **County:** Nueces **Bay :** Corpus Christi Bay; Oso Bay
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;
 (813) 893-3503.

Comments: .

Marsh Inventory No.: 210 **COE Permit No.:** 17181 **Size (ha):** 0.101
State: TX **County:** Nueces **Bay :** Laguna Madre; GIWW
Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters,
 Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702;

(813) 893-3503.

Comments: .

Marsh Inventory No.: 222 **COE Permit No.:** 18286 **Size (ha):** 0.279

State: TX **County:** Orange **Bay :** Sabine Lake

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 220 **COE Permit No.:** Permit # G16475 **Size (ha):** 0.142

State: TX **County:** San Patricio **Bay :** Aransas Bay; Redfish Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 219 **COE Permit No.:** 16412 **Size (ha):** 0.186

State: TX **County:** San Patricio **Bay :** Aransas Bay; Redfish Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 212 **COE Permit No.:** 16560 **Size (ha):** 3.359

State: TX **County:** San Patricio **Bay :** Aransas Bay; Redfish Bay; GIWW

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 192 **COE Permit No.:** 17847/1 **Size (ha):** 22.259

State: TX **County:** San Patricio **Bay :** Corpus Christi Bay

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 207 **COE Permit No.:** 16656 **Size (ha):** 0.101

State: TX **County:** Bay : Gulf of Mexico

Source of information: Mr. Andreas Mager, Jr., NMFS SE Region Headquarters, Habitat Conservation Division, 9721 Executive Center Drive, St. Petersburg, FL 33702; (813) 893-3503.

Comments: .

Marsh Inventory No.: 648 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Broad Bay

Source of information: Donald W. Hamer, U.S. Soil Conservation Service, 1536 Rt. 9 North, Cape May Court House, NJ 08210 (609) 465-5901

Comments: No *S. alterniflora* planted..

Marsh Inventory No.: 726 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay, James River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion.. Marsh name: Camp Chanco

Marsh Inventory No.: 731 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay;

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion.. Marsh name: Tankard

Marsh Inventory No.: 745 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay;

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. Marsh name: Vanderslice

Marsh Inventory No.: 675 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Cherrystone Inlet; Wescoat Cove

Source of information: (Knudsen et al, 1982)

Comments: This is likely the oldest man-made *S. alterniflora* marsh created to protect the shore from erosion. The marsh was used as a test site to gage wave energy dissipation by a marsh..

Marsh Inventory No.: 737 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Fleets Bay; Tabbs Creek

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. Marsh name: Poole

Marsh Inventory No.: 742 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; James River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with both species in June 1983, and again in July 1983.. Marsh name: King

Marsh Inventory No.: 741 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; James River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. Marsh name: Mariner's Museum

Marsh Inventory No.: 739 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; James River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. Marsh name: Eley

Marsh Inventory No.: 674 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; James River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion.. **Marsh name:** Hog Island

Marsh Inventory No.: 676 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Kings Creek

Source of information: (Knudsen et al, 1982)

Comments: The marsh was used as a test site to gage wave energy dissipation by a marsh..

Marsh Inventory No.: 740 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Lynnhaven Roads; Lynnhaven Bay; Broad Bay

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983..

Marsh name: Broad Bay Manor

Marsh Inventory No.: 744 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Lynnhaven Roads; Lynnhaven Bay; Broad Bay; Linkhorn Bay

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. **Marsh name:** Johnsen

Marsh Inventory No.: 678 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Mojack Bay

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion.. **Marsh name:** Mountjoy

Marsh Inventory No.: 743 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Occohannock Creek

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion.. **Marsh name:** Marshall

Marsh Inventory No.: 736 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Piankatank River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. *S. alterniflora* was replanted in May 1982, and both species were replanted in June 1983.. **Marsh name:** Murphy

Marsh Inventory No.: 729 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Potomac River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion.. **Marsh name:** Gill

Marsh Inventory No.: 735 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Rappahannock River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. Was replanted with both species in May 1982 and again in June 1983.. Marsh name: Garrett

Marsh Inventory No.: 734 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Rappahannock River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. *S. alterniflora* was replanted with both species in May 1982..

Marsh name: Durham West

Marsh Inventory No.: 733 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Rappahannock River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with both species in May 1982.. Marsh name: Durham South

Marsh Inventory No.: 732 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Rappahannock River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. *S. alterniflora* was replanted in June 1983. Marsh name: Wellford

Marsh Inventory No.: 727 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Rappahannock River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* and *S. patens* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted in May, 1982.. Marsh name: Windmill Point

Marsh Inventory No.: 728 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; Rappahannock River; Corrotoman River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion. *S. alterniflora* and *S. patens* was replanted in June, 1983.. Marsh name: Lee

Marsh Inventory No.: 746 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; York River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. Marsh name: Collier

Marsh Inventory No.: 738 **COE Permit No.:** **Size (ha):**

State: VA **County:** Bay : Chesapeake Bay; York River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion. The marsh was replanted with *S. alterniflora* in June 1983.. Marsh name: York River State Park

Marsh Inventory No.: 747 COE Permit No.: Size (ha):

State: VA County: Bay : Chesapeake Bay; York River; Pamunkey River

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* was planted on 1.5-ft centers to control shore erosion.. **Marsh name:** Davis

Marsh Inventory No.: 730 COE Permit No.: Size (ha):

State: VA County: Bay : Chesapeake Bay; mouth of Occohannock Creek

Source of information: (Hardaway et al, 1985)

Comments: A fringe marsh of *S. alterniflora* and *S. patens* was planted on 1.5-ft centers to control shore erosion.. **Marsh name:** Hickman

Marsh Inventory No.: 652 COE Permit No.: Size (ha):

State: VA County: Bay : Occohannock Creek

Source of information: Donald W. Hamer, U.S. Soil Conservation Service, 1536 Rt. 9 North, Cape May Court House, NJ 08210 (609) 465-5901

Comments: .

Marsh Inventory No.: 389 COE Permit No.: Size (ha): 0.040

State: VA County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . **Marsh name:** White Stone.

Marsh Inventory No.: 291 COE Permit No.: Size (ha): 0.405

State: VA County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Shoreline erosion control project.. **Marsh name:** Eastville.

Marsh Inventory No.: 508 COE Permit No.: Size (ha): 0.162

State: VA County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . **Marsh name:** Chincoteague Mitigation.

Marsh Inventory No.: 507 COE Permit No.: Size (ha): 0.040

State: VA County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . **Marsh name:** Willis Wharf.

Marsh Inventory No.: 557 COE Permit No.: Size (ha): 0.202

State: VA County: Bay :

Source of information: Dr. Edgar Garbisch, Environmental Concern, Inc., P.O.Box P, St. Michaels, MD 21663, (410) 745-9620

Comments: Built by Environmental Concern, Inc. . **Marsh name:** VIDCO.

SECTION III

DIRECTORY OF HUMAN RESOURCES

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Foreword

Each year, the coastal areas of the United States are burdened by increasing populations, industrial growth, and expanded recreational use. These growths lead to increased use of estuaries that often threatens the well being and even the existence of coastal wetland habitats. The salt marshes that abounded along most of our estuaries have often been dredged or filled and thus converted for man's use. Many of these changes to salt marshes occurred before these marshes had been shown to serve many of the beneficial functions they do, such as: protect shorelines from erosion, reduce the impacts of floods, remove toxic wastes, and provide valuable habitat that supports fish and wildlife. Our increased understanding of the way these marshes function has promoted a national desire to preserve and restore coastal wetlands.

The purpose of this directory is to provide our readers with a list of people involved in salt marsh ecology, with particular emphasis on those working on enhancement, restoration, and creation of *Spartina alterniflora* marshes. We hope and expect the directory will be of use to aid in information exchange among scientists working in this field, and between scientists and lay people concerned about their local estuary or marsh, coastal landowners interested in preserving their property, and companies needing assistance with habitat mitigation. This directory is not a "complete" listing of all persons and organizations that are involved and have pertinent knowledge on our subject. It is a list of those who kindly responded to our inquiries and who recognize the directory as another tool to help in the preserving and restoring of salt marshes and coastal wetlands. The directory is intended to be "living" in the sense that periodic updates are anticipated. We will be pleased to add people we missed if you will fill in a directory form (at the back of this directory) and return it to us.

The directory is organized alphabetically by state. People are listed alphabetically by last name under the state in their address. An alphabetical index of participants is included, and is ordered by last names and initials. A directory form is included at the back.

Acknowledgments

To those of you included in this directory, our sincere thanks for your participation. And if we have omitted an important player, it was purely accidental.

We wish to thank our four regional assistants who helped find many participants and recorded the early entries.

Northeast:	Mr. Chris Luis Sardella
Atlantic:	Mr. Andrew L. Bunch
Gulf:	Dr. Joseph L. Staton
West:	Mr. Russell E. DiFiori

We also thank the NMFS Southeast Fisheries Science Center and the Coastal Ocean Program for sponsoring this directory project as part of a grant to study the technology and success in restoration, enhancement, and creation of salt marshes in the United States.

Good Planting!

Directory

Alabama

Mr. Hugh M. Dowling

Dowling Environmental Services

P.O. Box 66003

Mobile, AL 36660

Work phone: (205) 476-2010

FAX: (205) 476-2011

President.

Projects:

Has planted 30-40 projects over the last 10 years. Marsh plantings are guaranteed.

Mr. Steve Heath

Alabama Marine Resources

P.O. Box 189

Dauphin Island, AL 36528

Work phone: (205) 861-2882

FAX: (205) 861-8741

Fisheries resource and habitat manager; coastal waters and wetlands, and their fisheries.

Projects:

1. Reviews proposed alterations of coastal habitat to preserve fisheries and wildlife habitat.
2. Monitors progress of mitigation efforts, some involving *Spartina alterniflora* salt marshes.
3. Assists in evaluating fisheries, and in developing fisheries management strategies.

Mr. Arthur L. Middleton

U.S. Army Corps of Engineers, Mobile District

Operations Division, Regulatory Branch

P.O. Box 2288

Mobile, AL 36628-0001

Work phone: (205) 694-3786

FAX: (205) 694-4264

Supervisory Ecologist.

Projects:

1. Presently (1992) installing in Mobile, Alabama, Navy home port site, a *Spartina alterniflora* marsh and a *Juncus* marsh of about 25 acres (unsure about percentages of each marsh type).
2. Delta Port development community along the west of Fowl River. Combination of *Spartina alterniflora* and *Juncus*, about 45 acres installed since 1987.

Mr. Edwin R. "Randy" Roach

U.S. Fish and Wildlife Service

Division of Ecological Services

P.O. Box 1197

Daphne, AL 36526

Work phone: (205) 690-2181

FAX: -

Senior Field Biologist.

Projects:

Naval Station, Mobile, AL. Marsh restoration with 75% *Juncus roemerianus* and 25% *Spartina alterniflora*.

Dr. Judy P. Stout

University of Southern Alabama

Marine Environmental Sciences Consortium, Dauphin

Island Sea Lab

P.O. Box 369-370

Dauphin Island, AL 36528

Work phone: (205) 861-7529

FAX: (205) 861-4646

Associate Director; Estuarine Ecologist.

Projects:

1. Dauphin Island Sea Lab; 1-1.5 acre marsh restoration began in January 1993; plantings of 50% *S. alterniflora* and 50% *J. roemerianus*.
2. Evaluation of coastal wetlands from mitigation in coastal Alabama; final report available and includes created *S. alterniflora* wetlands.

Mr. Thomas D. Thornhill

U.S. Fish and Wildlife Service

P.O. Drawer 1190

Daphne, AL 36526

Work phone: (205) 690-2181

FAX: (205) 694-4222

Fish and Wildlife Biologist.

Projects:

1. Ongoing monitoring of mitigation project for Chevron of Pascagoula; planted earlier and destroyed by hurricane--replanted in 1988 (approx.) *Spartina* and *Juncus* marsh that is surviving well.
2. Planned site for Gulfport not yet complete by Vitor and Associates.

Dr. Barry A. Vittor

Barry A. Vittor & Associates, Inc.
Environmental Research & Consulting
8060 Cottage Hill Road
Mobile, AL 36695

Work phone: (205) 633-6100

FAX: (205) 633-6738

Director; wetlands creation/restoration.

Projects:

1. Restoration and creation of wetlands including *Spartina alterniflora* marsh along the West Fowl River near Mobile, AL.
2. Port Authority, Gulfport; tidal wetland creation at Bayou Portage.
3. Naval Station at Mobile; nursery work for *S. alterniflora* for a 25-acre tidal marsh on Mobile Bay.
4. LPM, Inc.; tidal influenced fresh marsh restoration at Chickasaw Creek (Mobile River).
5. AmWest Savings; creation of a tidal influenced marsh in a drainage swale on Perdido Bay, FL.

California**Mr. James R. Bybee**

National Marine Fisheries Service, SW Region
Habitat Conservation Division
777 Sonoma Ave., Room 325
Santa Rosa, CA 95404

Work phone: (707) 578-7513

FAX: (707) 578-3435

Environmental Coordinator, Northern California.

Projects:

1. Habitat protection for fisheries and fisheries related populations.

Mr. Curtis Daehler

University of California, Davis
Department of Zoology
P.O. Box 247 Bodega Marine Lab
Bodega Bay, CA 94923

Work phone: (707) 875-2022

FAX: (707) 875-2089

Graduate Student in Zoology; wetland entomology.

Projects:

1. Location, spread, genetics and ecology of alien *Spartina alterniflora* in Pacific marshes, especially San Francisco and San Pablo bays.
2. Effects of native herbivores on this alien weed: seed set and spread as affected by herbivory.

Ms. Francesca C. Demgen

Woodward-Clyde Consultants
Environmental
2014 Indiana
Vallejo, CA 94590

Work phone: (510) 874-1731

FAX: (510) 874-3268

Wetland design and monitoring specialist; wastewater, freshwater, and estuarine.

Projects:

1. 1993. Research metal concentrations in a 145 acre man-made fresh and brackish water wetland which receives treated secondary effluent. Plant emergent vegetation to enhance nitrification.
2. 1990-93. Design, oversee construction, and monitor success of 19 acre freshwater marsh and creek restoration. Successful planting of riparian trees and shrubs, hydroseeding of emergents, and redistribution of site soils with seed stock.
3. 1990-93. Study uptake of copper, lead, and zinc in emergent vegetation and sediments in creek and marsh receiving urban run-off.

Mr. Russel E. DiFiori

5460 55th Street, #45
San Diego, CA 92115

Work phone: (619) 594-6522

421-6700 Ext.5286

FAX: -

Botanist. Wetlands ecology.

Projects:

1. Assisted in NMFS directory of people involved with restoration and creation of *Spartina spp.* marshes.

Mr. Brian Fink

Habitat Restoration
3234 "H" Ashford St.
San Diego, CA 92111

Work phone: (619) 279-8769

FAX: -

Owner/manager; horticulturist, wetlands.

Projects:

1. Wetland plants research: their growing requirements and pollination.
2. Contract growing of *Cordylanthus maritimus maritimus* and other sensitive plants.
3. Cultivation of *Spartina foliosa* studied for Caltrans.
4. Establishment of *Salicornia virginica* is being studied for the Pacific Estuarine Research Lab.

Mr. Robert S. Hoffman

National Marine Fisheries Service, SW Region
Habitat Conservation Div.
501 W. Ocean Blvd., Suite 4200
Long Beach, CA 90802-4213

Work phone: (310) 980-4000

FAX: (310) 980-4018

Fishery biologist; seagrass (*Zostera*) ecology.

Projects:

Evaluates habitat impacts of coastal waters, particularly as they relate to fisheries organisms. Involved with the long-term monitoring of a *Spartina* transplant project in San Diego Bay.

Dr. Michael Josselyn

San Francisco State University
Romberg Tiburon Center
P.O. Box 855
Tiburon, CA 94920

Work phone: (415) 435-7126

FAX: (415) 435-7120

Estuarine ecologist; wetland evaluations, design and restoration.

Projects:

1. Ecological consequences of introduced *Spartina alterniflora* on San Francisco Bay. 2. Control mechanisms to eradicate *S. alterniflora*; carbohydrate chemistry and means of control.

Mr. James R. Smith

Pacific Gas & Electric Co.
3400 Crow Canyon Rd.
San Ramon, CA 94583

Work phone: (510) 866-5828

FAX: (510) 866-5915

Biologist.

Projects:

1. Pittsburg (6/1/92); restoration of brackish tidal marshlands and native uplands in Suisun Bay, San Francisco, CA; about 1500 acres.
2. McArthur Swamp (1/2/92); restoration of permanent and seasonal freshwater wetlands in Fall River Valley, Shasta County, CA; about 1000 acres.

Mr. Douglas Spicher

Wetlands Research Associates, Inc.
2169-G East Francisco Blvd.
San Rafael, CA 94901

Work phone: (415) 454-8868

FAX: (415) 454-0129

Projects:

Studied the distribution and taxonomy of *Spartina* (Gramineae) in northern California.

Dr. Donald R. Strong

University of California, Davis
Bodega Marine Laboratory
P.O. Box 247, Bodega Marine Lab
Bodega Bay, CA 94923

Work phone: (707) 875-2022

FAX: (707) 875-2089

Professor; Zoology, wetland entomology.

Projects:

1. Location, spread, genetics and ecology of alien *Spartina alterniflora* in Pacific marshes, especially San Francisco and San Pablo bays.

2. Effects of native herbivores on this alien weed: seed set and spread as affected by herbivory.

Dr. Sue L. Williams

San Diego State University
Pacific Estuarine Research Lab
Biology Department
San Diego, CA 92182-0057

Work phone: (619) 594-6522

FAX: (619) 594-5676

Professor/Researcher; wetland ecosystems.

Projects:

1. Research needs for restoring sustainable coastal ecosystems on the Pacific Coast.

Dr. Joy B. Zedler

San Diego State University
Pacific Estuarine Research Lab
Biology Department
San Diego, CA 92182-0057

Work phone: (619) 594-5809

FAX: (619) 594-5676

Director PERL, Professor/Researcher; wetland ecosystems.

Projects:

1. Assessed functional equivalency of marshes in the San Diego area; the Caltrans Connector Marsh compared with the Sweetwater River Wetlands Complex.

2. Canopy architecture of natural and planted cordgrass marshes: selecting habitat evaluation criteria.

3. Research needs for restoring sustainable coastal ecosystems on the Pacific Coast.

Mr. John J. Zentner

Zentner & Zentner
925 Ygnacio Valley Rd, Suite 250
Walnut Creek, CA 94596

Work phone: (510) 947-6888

FAX: (510) 947-1798

Principal; Wetland restorations

Projects:

1. Warm Springs I, Fremont, CA. Created salt marsh (muted tidal).

2. Mariner's Cove, Vallejo, CA. Created tidal salt marsh.

Connecticut

Mr. Peter F. Alexander, ASLA, APA

Sound Shore Institute, Site Design
6 West Putnam Ave.
Greenwich, CT 06830

Work phone: (203) 869-6895

FAX: (203) 869-2005

Landscape architect; GIS based CAD designer/planner

Projects:

1. Katama Bay replanting, 1974.
2. Metzger Marsh at Stony Creek, 1979.
3. Byram Mianus River restoration, 1989.
4. Grass Island, 1992.

Mr. Michael A. Aurelia

Town of Greenwich
Inland Wetlands and Watercourses Agency
101 Field Point Road
Greenwich, CT 06830

Work phone: (203) 622-7736

FAX: (203) 622-3767

Director, regulatory planning and management; freshwater and marine wetlands scientist.

Projects:

1. Initiated the Greenwich Point project on Long Island Sound, where 2 acres of intertidal beach was planted with *Spartina alterniflora* by E. Garbisch and Environmental Concern back in 1975. Continues to monitor the well being of this marsh.
2. Involved with developing regulatory policy regarding freshwater and marine wetlands, their use and their preservation.

Mr. Mark Heller

S.E. Minor and Co., Inc.
81 Holly Hill Lane
Greenwich, CT 06830

Work phone: (203) 869-0136

FAX: (203) 869-7869

Landscape architect; design of coastal and freshwater wetlands.

Projects:

1. Coscob Harbor; Greenwich, CT. Designed a coastal *Spartina alterniflora* marsh for mitigation. Project involved dredging an area of marsh where *Phragmites australis* had taken over, to restore tidal salt water flows.
2. Designed several other freshwater and salt water marsh creation/restoration projects.

Mr. Richard E. Kent

Environmental Design Associates, P.C.
P.O. Box 247, 78 Danbury Road
Wilton, CT 06897

Work phone: (203) 762-8020

FAX: (203) 762-7881

Director; wetlands and uplands landscape architect and designer.

Projects:

1. Mianus River Bridge project to create a *Spartina alterniflora* salt marsh; 0.3 acres of intertidal area were planted with *S. alterniflora*, good growth was obtained before the Canadian geese ate the tops off.
2. Conair Corp.- restored a 0.2 acre *Spartina alterniflora* marsh and wading pool from a *Phragmites* colony.
3. Mansfield Landing- restored a tidal wetland by excavating fill material to appropriate grades; allowing revegetation through natural seeding from nearby marshes.

Dr. William A. Niering

Connecticut College
Botany Department
270 Mohegan Ave.
New London, CT 06320

Work phone: (203) 439-2143

FAX: (203) 439-2700

Professor; botany, wetlands ecology.

Projects:

1. Connecticut shoreline marshes, evaluation of plant succession.
2. Plant community change with the restoration of tidal flows to a 20 hectare coastal marsh in Stonington, Connecticut. GIS analysis of the changes showed *Typha angustifolia* habitat was greatly reduced while *Spartina alterniflora* habitat was greatly increased. *Phragmites* habitat increased only slightly.

Mr. Matthew J. Popp

Environmental Design Associates, P.C.
P.O. Box 247, 78 Danbury Road
Wilton, CT 06897

Work phone: (203) 762-8020

FAX: (203) 762-7881

Environmental analyst and landscape architect; site development and environmental planning.

Projects:

1. Mianus River Bridge project to create a *Spartina alterniflora* salt marsh.
2. Conair Corp.- restored a *Spartina alterniflora* marsh and wading pool from a *Phragmites* colony.
3. Mansfield Landing- restored a tidal wetland by excavating fill material to appropriate grades; allowing revegetation through natural seeding from nearby marshes.

Mr. Erwin N. Potter

Erwin Potter and Associates, Environmental System Planning, Ltd.
P.O. Box 839
Sandy Hook, CT 06482

Work phone: (203) 426-5936

FAX: (203) 426-8917

Landscape architect. Coastal landscape design.

Mr. Ron Rozsa

Connecticut Dept. of Environmental Protection,
Office of the Long Island Sound Program
79 Elm Street
Hartford, CT 06106

Work phone: (203) 566-7404

Ms. Judith A. Slayback

Environmental Design Associates, P.C.
P.O. Box 247, 78 Danbury Road
Wilton, CT 06897

Work phone: (203) 762-8020

FAX: (203) 762-7881

Senior Environmental Analyst; environmental planning and restoration, freshwater and marine.

Projects:

1. Mianus River Bridge project to create a *Spartina alterniflora* salt marsh; 0.3 acres of intertidal area were planted with *S. alterniflora*, good growth was obtained before the Canadian geese ate the tops off.
2. Conair Corp.- restored a 0.2 acre *Spartina alterniflora* marsh and wading pool from a *Phragmites* colony.
3. Mansfield Landing- restored a tidal wetland by excavating fill material to appropriate grades; allowing revegetation through natural seeding from nearby marshes.

Mr. Thomas J. Steinke

Conservation Commission, Town of Fairfield
Independence Hall, 725 Old Post Road
Fairfield, CT 06430

Work phone: (203) 256-3071

FAX: (203) 256-3080

Conservation Director for the Town of Fairfield.

Projects:

1. Turney Creek: 1973, restored tidal flows using self-regulating tide gates (SRT) and open marsh water management (OMWM) to a 16-acre *Phragmites* marsh diked for flood control: elimination of marsh fires, mosquitoes, reduction of *Phragmites*; self-regulating tidegate.
2. Ash Creek: 1974, restored tidal flows (SRT and OMWM) to a 14-acre *Phragmites* marsh diked for flood control and marina development. Elimination of *Phragmites* and fires, reduction of mosquitoes, restoration of site.
3. Pine Creek: 1979, restored tidal flows (SRT, dikes, & OMWM) to a 130-acre marsh diked for flood control, roads, garbage dump, subdivisions, parks. Elimination of fires, *Phragmites*, odors, flooding, and mosquitoes.
4. Sasco Creek: 1987, restored tidal flows to 30+ acres of salt marsh isolated by causeway, highway and railroad bridges. Rebuilt larger highway bridge and cleaned out 140 years of debris from RR bridge. Greatly improved flushing eliminated fires, reduced mosquitoes and *Phragmites*.
5. Great Creek (Milford, Connecticut) 1990.
Assisted State of Connecticut in Silver

Sands State Park flood control and 150-acre marsh restoration effort with self-regulating tidegates. This solved the flooding, fire and mosquito problems, and restored shellfish, waterfowl, and fish habitats.

Dr. R. Scott Warren

Connecticut College
Botany Department
270 Mohegan Avenue
Box 5362, Conn. College
New London, CT 06320-4196

Work phone: (203) 439-2132

FAX: (203) 439-2519

Professor of Botany; tidal marsh ecology, physiological ecology; fish and invertebrate ecology in coastal wetlands.

Projects:

1. Restoration of an impounded tidal marsh at the Barn Island Wildlife Management Area - Stonington, CT. Effects of restored tidal flows to the area have been monitored for changes in flora and fauna. 1980 to present.
2. Marsh restoration through dredged material removal at Mumford Cove, Bluff Point Coastal Reserve - Groton, CT. Material was removed and surface was re-graded before dikes were breached to restore tidal exchange. Flora and fauna changes have been monitored since 1989.

Delaware

Mr. Bennett N. Anderson

Delaware Dept. of Natural Resources & Environmental Control, Division of Water Resources,
Watershed Assessment Branch
P.O. Box 1401, 89 Kings Highway
Dover, DE 19901

Work phone: (302) 739-4590

FAX: (302) 739-6140

Environmental Scientist. Estuarine Science; Oil Spill Response and Restoration

Projects:

Various EPA superfund and oil spill studies.

Mr. John H. Clark

Delaware Dept. of Natural Resources & Environmental Control, Division of Fish and Wildlife
P.O. Box 1401, 89 Kings Highway
Dover, DE 19903

Work phone: (302) 739-4782

FAX: (302) 739-6780

Environmental scientist.

Projects:

1. 1989-1994. Impoundment - estuarine interactions. Examining the effects of recently implemented water management plans enhancing tidal exchange for two high level tidal impoundments. Studying the in and out

movements and survival of fish associated with these impoundments.

2. 1993-1994. Comparing fish communities in the impoundments with those in adjacent natural marshes.

Dr. John L. Gallagher

University of Delaware
College of Marine Studies, Halophyte Biology Lab
700 Pilottown Rd.
Lewes, DE 19958

Work phone: (302) 645-4366

FAX: (302) 645-4028

Professor. Biochemistry of halophyte and marsh ecology.

Projects:

1. Phenotypic growth of *S. alterniflora*.
2. Monitoring restored salt marsh growth and function.

Dr. George W. Luther, III

University of Delaware
College of Marine Studies
Lewes, DE 19958

Work phone: (302) 645-4208

FAX: (302) 645-4007

Professor; Geochemistry of salt marshes; iron and sulfur chemistry.

Projects:

1. Geochemical studies of iron and sulfur in various salt marshes in N.J., in the Great Sippewissett, MA, and in the Great Marsh, DE.
2. Additional biogeochemical studies were done in Delaware Bay, Chesapeake Bay, Newark Bay, and inland bays of Delaware.
3. Mid-Atlantic Bight Coastal work from NY to Cape Hatteras involved geochemical analyses of iron and sulfur in sediments and the water column.

Dr. Evelyn Maurmeyer

Coastal and Estuarine Research
Marine Studies Complex
P.O. Box 674
Lewes, DE 19958

Work phone: (302) 645-9610

FAX: (302) 645-4006

Marine scientist; coastal geology, wetlands mitigation consulting.

Projects:

1. Delaware Bay shoreline erosion control near Lower Township, Cape May, NJ.
2. Wetlands delineations for coastal areas in Delaware.
3. Mitigation projects restoring coastal marshes using *Spartina alterniflora* and *S. patens*.

Mr. Richard McCorkle

U.S. Fish and Wildlife Service
Delaware Bay Estuary Project
RD #1 Box 146A
Smyrna, DE 19977

Work phone: (302) 653-9152

FAX: (302) 653-9421

Fish and wildlife biologist

Projects:

1. Partners for Wildlife Program. "Gordon's Pond" project enhanced the salt marsh habitat in part of a 350-acre track by renovating water control structures to allow more tidal exchange. This reduced the *Phragmites* area, and increased the *Spartina alterniflora* and *S. patens* area.
2. At the Eugene Mills site, saltmarsh was restored on privately owned land by excavating the area to remove *Phragmites* and to improve freshwater inflow as well as tidal saltwater inflow.

Dr. Kurt R. Phillipp

Wetlands Research Associates, Inc.
102 E Main Street, Suite 305
Newark, DE 19711-7319

Work phone: (302) 738-7535

FAX: (302) 738-9173

Wetlands ecologist; consultant.

Projects:

1. Historic review of tidal wetlands of the Delaware Estuary.
2. Assist the state of Delaware in developing a tidal wetlands characterization and preservation plan.
3. Evaluate impacts to tidal wetlands from hazardous waste sites; Delaware, and New Jersey, and restore tidal wetlands.
4. Develop freshwater wetlands to mitigate impacts of the Dulles Toll Road in northern Virginia, and of road work by the Delaware DOT in northern Delaware.

Dr. Denise M. Seliskar

University of Delaware
College of Marine Studies, Halophyte Biology Laboratory
700 Pilottown Road
Lewes, DE 19958

Work phone: (302) 645-4366

FAX: (302) 645-4028

Associate Research Scientist.

Projects:

1. Growth characteristics and tissue culture of *Spartina alterniflora* and *S. patens*.
2. Accelerating salt marsh functional development through plant genotype selection: intra-specific diversity from natural populations and tissue culture.
3. The effect of plant genotype on the food web in a created marsh.

Ms. Tracey Skrabal

Dept. of Natural Resources and Environmental Control,
Division of Water Resources, Wetlands and Aquatic
Protection Branch
89 Kings Highway, Box 1401
Dover, DE 19903

Work phone: (302) 739-4691

FAX: (302) 739-3491
Environmental Scientist.

Dr. William R. Witman

Delaware Dept. of Natural Resources & Environmental
Control, Division of Fish and Wildlife
P.O. Box 1401, 89 Kings Highway
Dover, DE 19901

Work phone: (302) 739-5297

FAX: (302) 739-6157

Biologist. Waterfowl management and habitat
conservation.

Projects:

1. Compiling, editing and publishing a waterfowl habitat management guide for the Atlantic Flyway.
2. Participant in the USFWS's Partners for Wildlife Program. Habitat advisor.
3. Technical representative to the North American Waterfowl Management Plan; including serving on the Policy Committee.

District of Columbia

Dr. Mary C. Barber

Science and Policy Associates
West Tower, Suite 400
1333 H Street NW
Washington, DC 20005

Work phone: (202) 789-1201

FAX: (202) 789-1206

Consultant-Senior Environmental Scientist.

Projects:

1. Competition between salt marsh plants, 1982 (thesis-not published)

Florida

Ms. Lisa Adams

Florida Dept. of Environmental Regulation,
NE District Office
7825 Baymeadows Way, Suite 200B
Jacksonville, FL 32256-7577

Work phone: (904) 448-4300

FAX: -

Environmental Specialist / Compliance of Permits

Projects:

1. Ocean Highway and Port Authority, 1993. Mitigation project involving scrape-down and planting of *Spartina alterniflora*.
2. Dames Point project. Establishment of *S. alterniflora* marshes. Has filled in well.

3. Amelia Island Yacht Club project. Restoration of marshes along a dredged material island and access road.
4. Anastasia Sanitary District pipeline project. Establish marsh over a sewer pipeline running through a marsh; is slowly filling in.

Mr. Carl Bates

Plants for Tomorrow, Inc.

16361 Norris Road

Loxahatchee, FL 33470-9430

Work phone: (800) 448-2525

FAX: (407) 790-1916

Grower/planter/designer; *Spartina* restorations.

Projects:

1. Grows and supplies *Spartina bakeri*, *S. alterniflora*, and *S. patens* for restoration of habitats. Has done many projects.
2. Currently installing a large *S. alterniflora* marsh at Morris Island near Charleston, SC.

Mr. Steve Beeman

Ecoshores, Inc.

Shoreline Associates

3881 South Nova Road

Port Orange, FL 32127

Work phone: (904) 767-6232

FAX: (904) 759-9895

Grower/supplier of *Spartina spp.*

Projects:

1. Grows and supplies *Spartina alterniflora*, *S. bakeri*, and *S. patens*.
2. Designs and builds coastal marshes and wetlands. Over 50 well established.
3. A varied wetlands habitat project at Admirals Cove near Jupiter, FL. Includes *S. alterniflora* marsh creation in the 60-acre site.

Mr. James William Beever, III

Florida Game & Freshwater Fish,

Office of Environmental Services

29200 Tuckers Grade

Punta Gorda, FL 33955

Work phone: (813) 639-3515

FAX: -

Biologist. Mangrove ecosystem and high marsh ecology.

Mr. W.Y. Bennett

Florida Aquatics of Avon Park, Inc.

3846 Menendez Drive

Pensacola, FL 32503

Work phone: (904) 438-2585

FAX: -

Grower/supplier of *Spartina alterniflora*.

Projects:

Suppliers of *Spartina alterniflora*.

Mr. David M. Biggar, Jr.

Liner Farm, Inc.

P.O. Box 701369

Saint Cloud, FL 34770-1369

Work phone: (407) 892-1484

FAX: (407) 892-3593

Grower/supplier of *Spartina spp.*

Projects:

Grow and supplies *Spartina alterniflora*, *S. patens*, and *S. bakeri* for restoration and other plantings.**Mr. William F. Bissett**

The Natives

2929 J.B. Carter Road

Davenport, FL 33837

Work phone: (813) 422-6664

FAX: -

Landscape architect/builder.

Ms. Nancy Bissett

The Natives

2929 J.B. Carter Road

Davenport, FL 33837

Work phone: (813) 422-6664

FAX: -

Horticulturist.

Projects:

Grow *Spartina bakeri*, sand cordgrass.**Ms. Lucy Blair**

Florida Dept. of Environmental Regulation,

S. District Office

2295 Victoria Ave., Suite 364

Fort Myers, FL 33901

Work phone: (813) 332-6975

FAX: -

Environmental Specialist

Projects:

Mr. Ronald E. Brockmeyer, Jr.

Harbor Branch Oceanographic Institution, Inc.

5600 U.S. 1, North

Ft. Pierce, FL 34946

Work phone: (407) 465-2400

Ext. 668

FAX: (407) 465-2446

Biologist. Fish biology and marsh ecology.

Mr. Otto M. Bundy

Nautilus Environmental Services, Inc.

P.O. Box 497

Parish, FL 34219

Work phone: (800) 771-4114, (800) 422-

6287 (in Florida)

FAX: (813) 766-2410

Grower/Sales Rep.

Projects:

1. Consults in the planting of *Spartina spp.*2. Grows *Spartina alterniflora*, *S. patens*, *S. bakeri* and *S. spartinae* for restoration projects.**Mr. Allen G. Burdett, Jr.**

Florida Dept. of Environmental Regulation

Water Management

4520 Oak Fair Blvd.

Tampa, FL -

Work phone: (813) 620-6121

FAX: (813) 622-6123

Environmental Restoration Coordinator. Habitat restoration, creation and resource management.

Projects:

Involved with planning and managing of several projects of coastal restoration.

Mr. Douglas B. Carlson

Indian River Mosquito Control District

5655 South Gifford Road

P.O. Box 670

Vero Beach, FL 32961-0670

Work phone: (407) 562-2393

FAX: (407) 562-9619

Assistant Director. Mosquito control and salt marsh/wetland management.

Projects:

1. Developing, reviewing and implementing management plans for salt marshes (high marsh - *Batis*, *Salicornia*, *Distichlis* and White and black mangrove) along the Indian River lagoon for multipurpose use.

2. Chairman of the Subcommittee on Managed Marshes, a legislatively established interagency committee responsible for helping develop and review marsh management plans.

Mr. Kim Cash

Florida Shrub Growers

730 Myakka Road

Sarasota, FL 34240

Work phone: (813) 322-1915

FAX: -

Salesperson.

Projects:

Grows and supplies *Spartina alterniflora*, smooth cord grass, and *S. bakeri*.**Mr. Jerry Cordy**

CZR, Inc.

4494 Southside Blvd., Suite 200

Jacksonville, FL 32216

Work phone: (904) 642-8507

FAX: (904) 642-8911

Biologist, consulting, wetland delineation, *Spartina alterniflora* marsh creation.

Projects: (more)

1. Dames Point Bridge, May 1987; created a 9 acre *S. alterniflora* marsh from upland area to offset impacts from highway bridge construction. Jacksonville, Florida.
2. River Crossing, July 1987; create a 1 acre *S. alterniflora* marsh of offset impacts from project entrance road. Jacksonville, Florida.

Mr. David W. Crewz

Florida Marine Research Institute (FMRI)
100 8th Avenue SE
St. Petersburg, FL 33701
Work phone: (813) 896-8626
FAX: -

Associate Research Scientist.

Projects:

1. Evaluated several created *Spartina alterniflora* marshes in Florida. Florida Sea Grant Publication Tech No. 60 (w/ R. "Robin" Lewis, III)
2. Coastal wetland evaluation work for FMRI.
3. Caryopsis production in natural and artificially created *Spartina alterniflora* Loisel marshes in Tampa Bay, FL.
4. Caryopsis production in *Spartina spartinae*.

Dr. William P. Davis

Environmental Protection Agency
Environmental Research Lab
1 Fabine Island Drive
Gulf Breeze, FL 32561-9201

Work phone: (904) 0934-9312
FAX: (904) 934-9201

Aquatic Research Ecologist. Mangrove ecology of mangroves, coral reefs, fish and invertebrates.

Projects:

1. Bear Bluffs in S.C. Transplanted to dikes from ponds.

Mr. David M. Drylie

Green Images
8100 Curry Ford Road
Orlando, FL 32822

Work phone: (407) 568-1333
FAX: (407) 568-2061

Sales representative.

Growers/suppliers of *Spartina alterniflora*, smooth cordgrass, *S. patens*, marsh hay cordgrass, and *S. bakeri*, sand cordgrass.

Ms. Shelley J. DuPuy

National Marine Fisheries Service
SEFC Panama City Lab, Habitat Conservation Division
3500 Delwood Beach Road
Panama City, FL 32408

Work phone: (904) 234-5061
FAX: (904) 235-3559 (but call 904-235-6591 to make sure it's operable)

Fishery Biologist. Habitat protection.

Projects:

Protection of estuarine and marine habitats for fisheries populations.

Mr. Mark O. Friedemann

Florida Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Work phone: (904) 488-0130
FAX: (904) 488-6579

Compliance Coordinator.

Projects:

1. In charge of vegetative monitoring of mitigation efforts.

Ms. Joyce Gann

Gann's Tropical Greenery and Natives
22140 SW 152nd Avenue
Goulds, FL 33170

Work phone: (305) 248-5529
FAX: -

Owner.

Growers/suppliers of *Spartina patens*, marsh hay cordgrass, and *S. bakeri*.

Mr. George D. Gann-Matzen

Ecohorizons
22601 SW 152nd Avenue
Goulds, FL 33170

Work phone: (305) 989-5100
FAX: -

President.

Projects:

1. Works with restoration of wetlands using *Spartina patens*, *S. bakeri*, *S. spartinae*.
2. Has a database of vascular plants of Florida.
3. Primarily works with rebuilding plant communities for State, private, and non-profit groups; works toward restoration of damaged communities rather than the creation of new habitats.

Mr. Joseph L. Gilio

Gone Native Nursery
Wetlands Management, Inc.
P.O. Box 1122
Jensen Beach, FL 34958

Work phone: (407) 334-1643
FAX: (407) 335-1644

Grower/supplier of *Spartina alterniflora*, *S. patens*, and *S. bakeri*; wetlands consultant and designer.

Projects:

1. Mobil Oil (Sailfish Point), planted *Spartina alterniflora* along 2 miles of shoreline.
2. Planted seven salt-tolerant species, including *Spartina alterniflora*, at the Breakers (1.4 ac).
3. Planted *Spartina alterniflora* at Jensen Beach Club and Island Shoppes.
4. Also planted *S. bakeri* at many littoral lake sites.

Dr. R. Grant Gilmore

Harbor Branch Oceanographic Institute
5600 Old Dixie Highway
Ft. Pierce, FL 34946

Work phone: (407) 465-2400

ext. 203

FAX: (407) 465-2446

Administration and Research Scientist. Fish ecology.

Ms. Caroline Hanes

Florida Dept. of Environmental Regulation
SE District Office

1900 S. Congress Ave., Suite A
West Palm Beach, FL 33406

Work phone: (407) 433-2650

FAX: -

Environmental Specialist

Dr. Brandt F. Henningsen

SW Florida Water Management District
Surface Water Improvement and Management Program
7601 Highway 301 N
Tampa, FL 33637

Work phone: (813) 985-7481 ext. 2202

FAX: (813) 985-7481 ext. 2069

Environmental Scientist. Estuarine wetland restoration and preservation.

Projects:

Monitoring 15 estuarine marshes, mostly *S. alterniflora*, and several were man-made.

Mr. Robert D. Karafel

Metropolitan Dade County
Environmental Resources Management
Metro-Dade Center
111 N.W. first Str., Suite 1310
Miami, FL 33128

Work phone: ???-375-3305

FAX: -

Code enforcement officer - environmental

Dr. Edwin J. Kepner

National Marine Fisheries Service
SEFC Panama City Lab, Habitat Conservation Division
3500 Delwood Beach Rd.
Panama City, FL 32407

Work phone: (904) 234-5061

FAX: (904) 235-3559

Habitat Conservation Division Station Chief

Projects:

Coordinates habitat conservation efforts of NMFS in the NE Gulf of Mexico.

Dr. Thomas C. Kosier

Plants for Tomorrow, Inc.
16361 Norris Road
Loxahatchee, FL 33470

Work phone: (407) 790-1422

FAX: (407) 790-1916

Head of Research and Development; vice President.

Projects:

Growers/suppliers of *Spartina alterniflora*, smooth cordgrass; *S. bakeri*, sand cordgrass; and *S. patens*, marsh hay cordgrass. Most of material grown for in-house contracting projects. Has done some consulting work with Robin Lewis. Approximately 5% of consulting is *Spartina alterniflora*.

Dr. William L. Kruczynski

U.S. Environmental Protection Agency
Gulf Breeze Environmental Research Laboratory
Sabine Island

Gulf Breeze, FL 32561-3999

Work phone: (904) 934-9279

FAX: (904) 934-9201

Wetlands Expert.

Projects:

1. Planting of a spoil island using *Spartina alterniflora* at Apalachicola, FL, 1976.
2. Planting of a spoil island using *Spartina alterniflora* at Dickerson Bay, FL, 1975.

Mr. Mark Latch

Florida Dept. of Environmental Regulation,
Water Management
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

Work phone: (904) 488-0130

FAX: (904) 488-6579

Division Director. Aquatic ecology and wetland resource management.

Dr. Roy Robin Lewis, III

Lewis Environmental Services, Inc.
P.O. Box 20005
Tampa, FL 33622-0005

Work phone: (813) 889-9684

FAX: (813) 881-1586

Wetlands consultant; Ecological consulting, *Spartina* and mangrove marsh enhancement, restoration and creation.

Projects:

1. Developed methods for creation and restoration of *Spartina alterniflora* and mangrove marshes in Florida.
2. Designed and created *Spartina alterniflora* marshes as mitigation for impacts to estuarine marshes in Tampa Bay area for several companies.

Mr. Brightman Logan

Association of Florida Native Nurseries
P.O. Box 1045

San Antonio, FL 33576-1045

Work phone: (904) 588-3687

FAX: (904) 588-4552

Secretary of Association (1992).

Projects:

Produce the "Plant and Service Directory" annually; about \$2.50; lists sources of *Spartina spp.* and companies that grow and install it.

Mr. Andreas Mager, Jr.

National Marine Fisheries Service, SE Region
Habitat Conservation Division
9721 Executive Center Drive, North
St. Petersburg, FL 33702

Work phone: (813) 893-3503

FAX: (813) 893-3111

Assistant Regional Director, SE Region. Resource management and Fisheries.

Projects:

1. Records and tracks water development projects (including proposed wetland mitigation) in the coastal area of the NMFS SE region using R-base (database system) on an IBM compatible PC.
2. Manages various NMFS habitat mitigation programs for the NMFS SE region (e.g. Coastal Wetland Planning, Protection and Restoration Act).

Mr. Frank Melton

Conservation Consultants, Inc. / Native Plants
P.O. Box 248
321 61st St. E. / Palm View Rd.
Palmetto, FL 34220

Work phone: (813) 729-5015

FAX: (813) 729-8384

Horticulturist; growing wetland plants, and restoring wetland areas.

Projects:

1. Grower and supplier of *Spartina alterniflora*, *S. bakeri*, and *S. patens*, as well as other wetland plants such as mangroves, *Rhizophora* and *Avicennia*.
2. Created marsh with *Spartina alterniflora* and red mangrove plants at Barefoot Beach near Bonito Springs.
3. Created 5 acres of marsh at Perico Harbor near Sarasota Bay. Site located at West Manatee Ave. and Bradenton.

Mr. Robert Patten

Coastal Dunes, Inc.
1605 Main St. #800
Sarasota, FL 34236

Work phone: (813) 366-6538

FAX: (813) 954-6036

President and Founder. Salt marsh and coastal habitat restoration.

Projects:

Various restoration projects.

Ms. Ann Redmond

Florida Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Work phone: (904) 488-0130

FAX: (904) 488-6579

Mitigation Coordinator.

Projects:**Ms. Pamela Reeder**

Coastal Revegetation, Inc.
Shoreline Associates
5 Northeast 2nd Street
Delray Beach, FL 33444

Work phone: (407) 495-0198

FAX: (407) 278-7513

Growers/suppliers of *Spartina alterniflora*, *S. patens*, and *S. bakeri*.

Projects:

1. Munyon Island restoration project for the Palm Beach County Dept. of Environmental Resources Management.
2. Ash Landfill mitigation for Broward County Office of Integrated Waste Management.
3. Many other *Spartina* planting projects since 1981.

Mr. Michael E. Reily

The Wetlands Company, Inc.
7650 S. Tamiami Trail
Sarasota, FL 34231

Work phone: (813) 921-6609

FAX: (813) 921-7265

Grower/supplier of *Spartina alterniflora*, *S. patens*, and *S. bakeri*.

Mr. Rhodes Robinson

Environmental Services, INC.
8711 Perimeter Park Blvd., Suite 11
Jacksonville, FL 32216

Work phone: (800) 443-3158

FAX: (904) 645-9954

President. Specialties are Mitigation and Wetlands. Various, about 75 projects completed.

Mr. Douglas M. Scheidt

Harbor Branch Oceanographic Institution
5600 U.S. 1 North
Ft. Pierce, FL 34946

Work phone: (407) 465-2400 Ext. 668

FAX: (407) 465-2446

Fish Biologist. Fish ecology and marsh ecology.

Mr. Michael D. Schroer

Breedlove, Dennis & Associates, Inc.
4301 Metric Drive
Winter Park, FL 32792

Work phone: (407) 677-1882

FAX: (407) 657-7008

Associate Scientist II; environmental consulting.

Mr. Carl Terwilliger

Meadow Beauty Nursery
7210 Saddle Road
Lake Worth, FL 33463

Work phone: (407) 969-9250

FAX: -

Grower/supplier of *Spartina alterniflora* and *S. bakeri*;
environmental consulting.

Projects:

1. Growing plants for restoration projects.
2. Bank stabilization of lake and water retention ponds at The Mounts Botanical Garden in West Palm Beach, FL, using *Spartina alterniflora*.

Mr. Thomas W. Tito

P.O. Box 14116
St. Petersburg, FL 33733

Work phone: (813) 895-0446

FAX: -

Supplier of *Spartina patens*, marsh hay cordgrass.

Projects:

1. Installation of *Spartina* and black mangroves at Big Bayou, Tampa Bay, 1979-1985.
2. North Clearwater Beach at St. Joseph's Sound, restoration/creation project to start soon, 1993.
3. Involved with designing and installing wetland and upland native plants for residential and commercial landscaping projects.

Dr. David A. Tomasko

Sarasota National Estuary Program
1550n Thompson Parkway
Sarasota, FL 34236

Work phone: (813) 361-6133

FAX: (813) 361-6165

Senior Scientist.

Projects:

1. City Island, Fall '91.
2. New College, Spring '92.
3. Leffis Key, Fall '91.

Mr. David J. Wesley

U.S. Fish and Wildlife Service, Jacksonville Field Office
3100 University Blvd., #120
Jacksonville, FL 32216

Work phone: (904) 232-2580

FAX: (904) 232-2404

Fish and wildlife biologist

Review of permit requests to alter coastal wetlands.

Dr. Quinton A. White

Jacksonville University
Department of Biology and Marine Science
2800 University North
Jacksonville, FL 32211

Work phone: (904) 744-3950 ext. 6391

FAX: (904) 744-0101

Professor of Biology and Marine Science, Chairman of the department.

Mr. Robert Whitman

9720 Princess Palm Ave., Suite 106
Tampa, FL 33619

Work phone: (813) 626-5400

FAX: (813) 623-1034

Co-president. Estuarine habitat restoration and fisheries.

Mr. Mike Zaffke

Indian Trails Native Nursery
10629 Anderson Lane
Lake Worth, FL 33467

Work phone: (407) 641-9488

FAX: -

Grower/supplier of wetland plants.

Projects:

Grows and supplies wetland plants for restoration or any landscaping projects.

Dr. Nancy C. Zyski

Mitigation Services, Inc.
8711 Perimeter Park Bld., Suite 11
Jacksonville, FL 32216

Work phone: (800) 443-3158

FAX: (904) 645-9954

President, Specialties-Wetlands Creation and Monitoring Wetlands

Projects:

1. Anastasia Sanitary District, St. Augustine, FL. Restoration and monitoring for a wastewater pipe installation project across several thousand feet of salt marsh associated with the Matanzas River. The area substrate was compacted during pipe installation, but *Spartina* is growing out into the area.
2. The Greens or Marsh Landing. A salt marsh creation and monitoring project, as mitigation for the development of an apartment complex. *Spartina alterniflora* is growing rapidly and filling in where expected.
3. Amelia Island Yacht Club. A *Spartina alterniflora* creation and monitoring project to mitigate for road widening impacts associated with upgrading access to a dredged material deposition site. Monitoring was required for a three year period. Again, *Spartina* is growing and filling in very well.

Georgia**Mr. Oscar Fultz**

Chatham County Mosquito Control Commission
1321 Eisenhower Drive
Savannah, GA 31406

Work phone: (912) 355-6320

FAX: -

Director. Mosquito control.

Projects:

Some projects affect salt marsh ecology and alteration.

Mr. Jim Lanier

Aquascape Environmental Services, Inc.
2550 Sandy Plains Road, Suite 320-291
Marietta, GA 30066

Work phone: (404) 578-0333

FAX: -

President; wetlands consulting/ wetland restoration.

Projects:

Primary focus is in freshwater wetland restorations.

Mr. James F. Renner, P.G.

Kemron Environmental Services
2987 Clairmont Road, Suite 150
Atlanta, GA 30329

Work phone: (404) 636-0928

FAX: (404) 636-7162

Senior Geologist; consulting.

Louisiana

Mr. John E. Boatman

U.S. Soil Conservation Service
Plaquemines Soil and Water Conservation District Office
104 Hebert Boulevard
Belle Chase, LA 70037

Work phone: (504) 394-7741

FAX: -

District Conservationist.

Projects:

Assess the region for possible revegetation rehabilitation sites, and coordinate plantings of *Spartina alterniflora* for the CRD/DNR (Steyer's group).

Mr. Gerald W. Bodin

U.S. Fish and Wildlife Service
825 Kaliste Saloom Road
Brandywine Bldg. II, Suite 102
Lafayette, LA 70508

Work phone: (318) 264-6630

FAX: (318) 264-6663

Fish and Wildlife Biologist.

Projects:

Permitting and recommendations; most of these are implemented by individual refuge managers.

Mr. Allen Bolotte

U.S. Soil Conservation Service
New Orleans Field Office
P.O. Box 531
Boutte, LA 70039

Work phone: (504) 758-2162

FAX: -

District Conservationist.

Projects:

1. Resource conservation planning in St. John, St. Charles, St. Bernard, Jefferson, and Orleans Parishes in Louisiana.
2. Managing several shoreline planting projects in the field office area.

Mr. Wayne Bordelon

U.S. Soil Conservation Service
Thibodaux Field Office
204 East Bayou Road
Thibodaux, LA 70302

Work phone: (504) 447-3871

FAX: -

District Conservationist.

Projects:

1. 9-14 July 1992 plant 1600 1-gallon containers of *Spartina alterniflora*. 800 at Catahoula Bay and 800 at Temple Bay, Louisiana, east side of Bayou LaFourche. Use "Nutria-excluders" to prevent grazing of plants by *Nutria*.
2. 1991- planted 8000 single-stem plants at Bay Laurf, Louisiana, on the east side of Bayou LaFourche. Much of this was destroyed by *Nutria* grazing.

Mr. Edgar S. Bordes

New Orleans Mosquito Control Board
6601 Lake Shore Drive
New Orleans, LA 70126

Work phone: (504) 241-2370

FAX: (504) 244-4662

Director.

Projects:

Manipulation of dredged and levied areas in fresh water marsh for the most part, but some survey work in natural marsh.

Mr. Brad L. Broussard

U.S. Soil Conservation Service
New Iberia Field Office
300 Iberia Street
Suite 320 Courthouse Building
New Iberia, LA 70560

Work phone: (318) 369-6623

FAX: -

District Conservationist.

Projects:

Identify areas for possible revegetation and rehabilitation, and coordinate plantings of *Spartina alterniflora* for the Coastal Restoration Division of the Department of Natural Resources.

Mr. Daniel L. Broussard

Coastal Plants
2320 W. Alcide
Abbeville, LA 70510

Work phone: (318) 893-2202

FAX: (318) 898-3047

Owner/Manager.

Projects:

1. Experimenting with planting protocols to increase viability of plants propagated from the wild.
2. Sells single stem and gallon containers of *Spartina* (both wild varieties and cultivars from the PMC in Galliano, LA); supplier to state and federal contracts.

Dr. Donald R. Cahoon

U.S. Fish and Wildlife Service
National Wetlands Research Center
700 Cajun Dome Blvd.
Lafayette, LA 70506

Work phone: (318) 266-8634

FAX: (318) 266-8513

Research Scientist.

Projects:

1. Marsh resiliency with respect to sea level rise; measurement of accretion/subsidence with respect to elevation and sea level of natural marsh nationwide; is interested in expansion of project to incorporate transplanted marsh.

Mr. Richard H. Day

U.S. Fish and Wildlife Service
National Wetland Research Center
700 Cajun Dome Blvd.
Lafayette, LA 70506

Work phone: (318) 266-8557

FAX: (318) 266-8513

Geographer/Marine Ecologist.

Projects:

1. Global Climate Change- remote sensing (satellite) of marshes compared to near (aerial) spectral analysis of marsh - coordinated with ground structure of canopy, etc. Measure with spectral radiometer which integrates over 2 nm wavelengths to create a spectral signature. Satellite's 7 wide bands are then compared to 350+ bands of near sensing (between 400-1100 nm).

Dr. Kittie Sue Derstine

U.S. Soil Conservation Service
Golden Meadow Plant Materials Center
P.O. Box 2202
Galliano, LA 70354

Work phone: (504) 475-5280

FAX: (504) 475-6545

Research Coordinator/Botanist.

Projects:

1. Primary work focuses on collection of assemblies and cultivation of the four species of *Spartina* (*S. alterniflora*, *S. patens*, *S. spartinae*, and *S. cynosuroides*) in the range from Texas to Mississippi. These assemblies are evaluated in field trials for a range of parameters: above and below ground biomass, salt tolerance, growth rates, vigor, etc. From these, cultivars are selected to create germ plasm for release. Germ plasm is available free for propagation for vegetative increase. One cultivar is currently available for distribution: *Spartina alterniflora* Vermilion.

2. Dr. Derstine is currently creating a list of guidelines for nursery preparation to enhance eventual success of transplanted propagules.

Ms. Donna J. Devlin

4561 John Koonce Rd.
Lake Charles, LA 70611

Work phone: (318) 475-5917

FAX: -

Estuarine ecologist.

Projects:

1. 1989-present. Studies of a 10-year old mangrove creation site in SW Florida: plant survival, growth, reproduction, and succession. Some faunal data.
2. 1993-present. Studies on survival, growth, and succession in a Tampa Bay, FL created salt marsh. Secondary aspect evaluates the use of citizen volunteers to "monitor" such sites.
3. 1990-1993. Role of the litter-grazing snail, *Melampus coffeus* L. in the decomposition of mangrove leaf litter, and coupling export of detrital energy to the estuary.

Mr. William P. "Judge" Edwards

Vermilion Corporation
P.O. Box 27
Abbeville, LA 70511

Work phone: (318) 893-0268

FAX: -

Assistant Manager of Vermilion Corp. private hunting lands.

Projects:

1. Manages lands for hunting and fishing by Vermilion Corp.
2. Uses transplantation of *Spartina* along private canals which have accumulated silt to stabilize soil.

Mr. Gary Fine

U.S. Soil Conservation Service
Golden Meadow Plant Materials Center
P.O. Box 2202
Galliano, LA 70354

Work phone: (504) 475-5280

FAX: (504) 475-6545

Manager.

Projects: (more)

1. Manage the facility for the cultivation of the four species of *Spartina* (*S. alterniflora*, *S. patens*, *S. spartinae*, and *S. cynosuroides*) in the range from Texas to Mississippi. Germ plasm is available free for propagation for vegetative increase. One cultivar is currently available for distribution: *Spartina alterniflora* Vermilion.

Mr. Sherwood Gagliano

Coastal Environments, Inc.

1260 Main St.

Baton Rouge, LA 70802

Work phone: (504) 383-7455

FAX: (504) 383-7925

President.

Projects:

Primary focus is on monitoring water use (aquatic resource management and multi-use programs) effects on riverine and coastal areas through aerial and remote sensing

Mr. Thomas G. Hargis

University of Southwestern Louisiana

Department of Biology

P.O. Box 42451 USL

300 E St. Mary Street

Lafayette, LA 70504-2451

Work phone: (318) 231-5248

FAX: (318) 231-5834

Graduate Researcher.

Projects:

Master's research at USL: Site characterization of marsh ecology at Lafitte (Barataria Parish) and Houma (Terrebonne Parish), Louisiana, measuring sulfide, nutrients, bulk density, and salinity.

Mr. Richard D. Hartman

National Marine Fisheries Service

Habitat Conservation Division

c/o Louisiana State University

Baton Rouge, LA 70803-7535

Work phone: (504) 389-0508

FAX: (504) 389-0506

Fisheries biologist, estuarine ecologist.

Projects:

1. Wetland creation/enhancement in fresh to saline tidal marshes. Survey, design, evaluate, and monitor restoration activities in Louisiana.
2. Protect fisheries habitats.

Dr. Suzanne "Sue" R. Hawes

U.S. Army Corps of Engineers, New Orleans District

Planning Division

P.O. Box 60267

New Orleans, LA 70160-0267

Work phone: (504) 862-2518

FAX: (504) 862-2572

Project Manager for the Environment.

Projects:

Helps plan marsh creation with dredged material projects for the New Orleans District Corps of Engineers.

Dr. William H. Herke

Louisiana State University

School of Forestry, Wildlife and Fisheries Sciences

Cooperative Fish and Wildlife Research Unit

Baton Rouge, LA 70803-6202

Work phone: (504) 388-4180

FAX: (504) 388-4227

Assistant leader Louisiana Cooperative Fish and Wildlife Research Unit.

Projects:

1. Monitoring fisheries interactions with natural and managed marshes-- typically not those that are transplanted.
2. Studies the life history of marine transients while using the marsh nursery, and the effects of water-control structures and levees on their use of the nursery.

Dr. H. Dickson Hoese

University of Southwestern Louisiana

Department of Biology

P.O. Box 42451 USL

300 E St. Mary Street

Lafayette, LA 70504-2451

Work phone: (318) 231-6494

FAX: (318) 231-5834

Professor; ichthyology and wetlands biology.

Projects:

1. Primary work is on the ichthyology of natural marshes, weir structures and impoundments, 1990. Interim report: fisheries studies on the state wildlife refuge.
2. Comparison of effects of water control structures on fisheries in the Rockefeller Wildlife Refuge.
3. Cameron-Creole watershed management fisheries study.

Mr. John Hook

University of Southwestern Louisiana

Department of Biology

P.O. Box 42451 USL

Lafayette, LA 70504-2451

Work phone: (318) 383-1972

FAX: (318) 231-5834

Graduate researcher.

Mr. Craig A. Johnson

U.S. Fish and Wildlife Service

National Wetlands Research Center

700 Cajun Dome Blvd.

Lafayette, LA 70506

Work phone: (318) 266-8695

FAX: (318) 266-8513

Geographer

Mrs. Peggy M. Jones
 National Marine Fisheries Service
 SEFC Habitat Conservation Division
 c/o Louisiana State University
 Baton Rouge, LA 70803-7535
 Work phone: (504) 389-0508
 FAX: (504) 389-0506

Fisheries biologist, estuarine ecologist.

Projects:

1. Planning and evaluation subcommittee member representing DOC for Coastal Planning, Protection, and Restoration Act, 1990-1993.
2. Review and evaluate proposed alterations to coastal wetlands to protect habitat supportive of marine fishery resources, 1980-present.

Dr. Mark A. Konikoff
 Univ. of Southwestern Louisiana
 Department of Biology
 P.O. Box 42451 USL
 300 E St. Mary Street
 Lafayette, LA 70504-2451
 Work phone: (318) 231-6754
 FAX: (318) 231-5834

Professor.

Projects:

1. Six year project on beneficial uses of dredge material deposition areas. Containment Area Aquaculture Program (CAAP) at WES.

Mr. Ronald J. Marcantel
 U.S. Soil Conservation Service
 Lake Charles Field Office
 1400 Highway 14
 Lake Charles, LA 70601
 Work phone: (318) 436-1483
 FAX: -

District Conservationist.

Projects:

- Coordinates regional plantings for CRD through SCS in Crowley for the Lake Charles Area.

Mr. Michael Materne
 U.S. Soil Conservation Service
 Plant Materials Center
 P.O. Box 16030, University Station
 Baton Rouge, LA 70893
 Work phone: (504) 389-0335
 FAX: -

Plant Materials Specialist.

Projects:

1. Plant materials database for nurseries of wetland plants in Louisiana and the U.S.

Dr. Linda Glenboski Mathies
 U.S. Army Corps of Engineers, New Orleans District,
 CELMN-OD-OR

P.O. Box 60267
 New Orleans, LA 70115-0267
 Work phone: (504) 862-2318
 FAX: (504) 862-2317

Environmental Resources Specialist

Projects:

1. Mississippi River; Gulf Outlet, LA, marsh creation using dredged material.
2. Mississippi River; Baton Rouge to Gulf of Mexico, LA, marsh creation using dredged material (1974).
3. Houma Navigation Canal, LA, marsh restoration using dredged material (1990).
4. Calcasieu River and Pass, LA, marsh restoration using dredged material (1993).

Mr. Larry McNease
 Rockefeller Wildlife Refuge
 Louisiana Dept. of Wildlife and Fisheries
 Rt. 1, Box 20-B
 Grande Chenier, LA 70643
 Work phone: (318) 538-2276
 FAX: -

Biologist.

Projects:

- Study of the vegetation associated with structural coastal marsh management.

Mr. Donald E. Menard
 U.S. Soil Conservation Service
 Abbeville Field Office
 P.O. Box 68
 Abbeville, LA 70511-0068
 Work phone: (318) 893-5664
 FAX: -

District Conservationist.

Projects:

- Coordinates plantings for Louisiana's Department of Natural Resources, Coastal Restoration Division, in the Abbeville area.

Dr. Irving A. Mendelssohn
 Louisiana State University
 Wetland Biogeochemistry Institute, and Dept. of
 Oceanography and Coastal Sciences
 Baton Rouge, LA 70803
 Work phone: (504) 388-6425
 FAX: (504) 388-6423

University researcher and professor.

Projects:

1. Research involves the understanding of causes underlying wetland loss in Louisiana. Primarily subsidence loss with factors influencing heterogeneous vigor deterioration using natural gradients and monitoring and experimental manipulations of factors (elevation, salinities, etc.)
2. Past studies on transplanting.

Mr. Jeff Murphy
Blacklake Marsh, Inc.
1200 Paris Street
Lake Charles, LA 70605

Work phone: (318) 762-4242

FAX: Call ahead to FAX.

Owner/president; fresh, brackish and salt marsh restorations, grows and installs.

Projects:

1. Grows and supplies *Spartina alterniflora*, smooth cordgrass, *S. patens*, marsh hay cordgrass, *Scirpus californicus* and many more species. Can provide single stems or multi-stem trade-gallons in large quantities.
2. Planted terraces in Sabine National Wildlife Refuge with *Spartina alterniflora* (Vermillion strain). Trade-gallons were used on 5-ft centers on one side; later, single stems were planted on the opposite side for comparison. Great success, and the sides are indistinguishable.
3. Wave barrier wooden fencing (2300 ft) was used at the Brannan Ditch project to break waves and flood water currents impacting the south side of the ICWW. Single stems of *Spartina alterniflora* were planted shoreward of the fence, and rapidly became established. They acted as a sediment trap in combination with the fence.

Mr. Michael D. Nichols
U.S. Soil Conservation Service
Water Resources Planning Staff
3737 Government Street
Alexandria, LA 71302

Work phone: (318) 473-7688

FAX: (318) 473-7771

Wildlife biologist.

Projects:

1. Planning of coastal restoration and protection projects connected with the Coastal Wetlands Planning, Protection and Restoration Act.
2. Watershed and river basin planning in the coastal zone of Louisiana.
3. Assisting district offices of the USDA Soil Conservation Service with revegetation efforts throughout coastal Louisiana.

Mr. Will Nidecker
Sabine National Wildlife Refuge
Hwy. 27 South
300 Main Street
Hackberry, LA 70645

Work phone: (318) 762-3816

FAX: (318) 762-3780

Refuge Manager.

Projects:

Spartina alterniflora transplanting and establishment within the refuge. Project A: Mitigation wave break levees in Units 6 & 7. Project B: terracing near Old Hog Bayou.

Mr. Kenneth E. Owen
University of New Orleans
Earl K. Long Library
New Orleans, LA 70146

Work phone: (504) 286-7275

FAX: (504) 286-7277

Librarian.

Projects:

Head of the Louisiana Collection, an extensive set of references about Louisiana, including many about wetlands.

Mr. W. Guthrie Perry
Louisiana Department of Wildlife and Fisheries
Rockefeller Wildlife Refuge
Rt. 1, Box 20-B
Grande Chenier, LA 70643

Work phone: (318) 538-2276

FAX: -

Biologist.

Projects:

Study of the aquatic organisms associated with structural coastal marsh management.

Dr. S. R. Pezeshki
Louisiana State University
Center for Coastal Energy and Environmental Resources
Wetland Biogeochemistry Institute
Baton Rouge, LA 70803-7511

Work phone: (504) 388-6430

FAX: (504) 388-6423

Associate Professor of Wetland Resources; plant ecophysiological. more...

Projects:

1. Physiological responses of wetland plants to flood and salt stresses: soil - plant interactions. Work with R.D. De Laune and W.H. Patrick, 1993.
2. Wetland soil development. Work with R.D. De Laune and W.H. Patrick, 1988-1993.
3. Field studies of beach cones as coastal erosion reversal devices for areas with significant oil and gas activities. Work with R.D. De Laune, 1992-1994.

Dr. Edward Proffitt
Louisiana Environmental Research Center
McNeese State University
P.O. Box 90655
Lake Charles, LA 70609-0655

Work phone: (318) 475-5917

FAX: (318) 475-5122

Director of the Research Center; Associate Professor; mangrove and salt marsh ecology

Projects:

1. 1988-present. Studies of a 10-year old mangrove creation site in SW Florida: plant survival, growth, reproduction, and succession. Some faunal data.(more)

2. 1993-present. Studies on survival, growth, and succession in a Tampa Bay, FL created salt marsh. Secondary aspect evaluates the use of citizen volunteers to "monitor" such sites.
3. 1990-1993. Role of the litter-grazing snail, *Melampus coffeus* L. in the decomposition of mangrove leaf litter, and coupling export of detrital energy to the estuary.

Ms. Patricia S. Rafferty

University of Southwestern Louisiana
Department of Biology
P.O. Box 42451 USL
300 E St. Mary Street
Lafayette, LA 70504-2451

Work phone: (318) 231-5248

FAX: (318) 231-5834

Graduate Researcher.

Projects:

1. Doctoral research focuses on interaction between rhizosphere and sediment as it affects nitrogen cycling (denitrification rates) at Otter Bayou (with USFWS) and Fourleague Bay (Sea Grant project), 1993.

Dr. Elijah W. Ramsey

U.S. Fish and Wildlife Service
National Wetland Research Center
700 Cajun Dome Blvd.
Lafayette, LA 70506

Work phone: (318) 266-8575

FAX: (318) 266-8513

Oceanographer.

Mr. John E. Reddoch

U.S. Army Corps of Engineers, New Orleans District
Operations & Readiness Div., Regulatory Functions Br.
P.O. Box 60267
New Orleans, LA 70160-0267

Work phone: (504) 862-2277

FAX: (504) 862-2289

Environmental Resource Specialist.

Mr. Bryan J. Reed

The Wetlands Foundation
3841 Veterans Blvd., Suite 201
Metairie, LA 70002

Work phone: (504) 888-9944

FAX: (504) 888-9976

Executive Director.

Dr. Denise Janet Reed

Louisiana Universities Marine Consortium
Marine Research and Education Center
Chauvin, LA 70344

Work phone: (504) 851-2800

FAX: (504) 851-2874

Associate Professor; Salt marshes, tidal flows and sediment dynamics.

Projects:

1. Tidal flows in salt marshes, and their roles in sediment transport and accretion in the marshes.
2. Understanding interactions between biological communities and depositional processes in coastal marshes.

Mr. Rickey N. Reubsamen

National Marine Fisheries Service
Habitat Conservation Division
c/o Louisiana State University
Baton Rouge, LA 70803-7535

Work phone: (504) 389-0508

FAX: (504) 389-0506

Branch Chief; Fisheries biology and estuarine ecology.

Projects:

1. Wetland creation/enhancement in fresh to saline tidal marshes. Five projects designed and funded for construction in coastal Louisiana under the Coastal Wetland Planning, Protection, and Restoration Act. 1990-1993.
2. Seagrass meadow creation (*Halodule*) in Laguna Madre, Texas, 1985.
3. Wetland creation (*S. alterniflora*) at Lake Como, Galveston, Texas, 1984.
4. Estuarine brackish marsh enhancement for the Nueces River delta, Texas, 1983.

Mr. Mark Schleifstein

The Times-Picayune
3800 Howard Ave.
New Orleans, LA 70140-1097

Work phone: (504) 826-3327

FAX: (504) 826-3007

Reporter.

Reports on environmental issues and projects such as marsh loss and marsh restoration in Louisiana and the north-central coast of the Gulf of Mexico.

Mr. Chris Simon

Louisiana Department of Natural Resources
Coastal Restoration Division
200 Lafayette Street
Baton Rouge, LA 70804-9396

Work phone: (504) 342-7308

FAX: (504) 342-9417

Geoscience Specialist.

Projects:

1. Sabine terraces for *Spartina alterniflora* marsh creation and wave reduction.
2. Falgout canal/levee grass planting.

Ms. Ruth Spell

U.S. Fish and Wildlife Service
National Wetland Research Center
700 Cajun Dome Blvd.
Lafayette, LA 70506

Work phone: (318) 266-8571
FAX: (318) 266-8513

Geographer.

Mr. Gregory Dean Steyer
Louisiana Department of Natural Resources
Coastal Restoration Division
200 Lafayette St., P.O. Box 94396
Baton Rouge, LA 70804-9417
Work phone: (504) 342-9435
FAX: (504) 342-9417

Biological Program Manager.

Projects:

Directs the CRD, and initiates many coastal projects to protect and restore wetlands--both fresh and salt water. Many projects are listed in "Recommended three year coastal wetland vegetation program".

Ms. Faye A. Talbot
U.S. Soil Conservation Service
Crowley Area Office
P.O. Drawer 387
Crowley, LA 70527
Work phone: (318) 783-1257
FAX: (318) 783-5608

Resource Conservationist.

Projects:

1. Collects reports from state soil and water conservation districts, and compiles information for the Coastal Restoration Division of the Dept. Natural Resources as a yearly report.
2. Functions as a liaison between CRD and SCS on vegetation projects.
3. Serves as water resources staff leader at the Area III 3 level (coastal marshes) for the Ponchartrain, Breton Sound, Barataria, Mississippi River, Terrebonne and Tech/Vermilion Basin. Responsible for development of plans and projects for the SCS in these basins.

Mr. Michael D. Tullos
U.S. Soil Conservation Service
Houma Field Office
Box 1266
Houma, LA 70361
Work phone: (504) 872-5609
FAX: -

District Conservationist.

Projects:

1. Provide technical assistance for Terrebonne Parish in identifying potential rehabilitation projects.

Dr. Robert R. Twilley
University of Southwestern Louisiana
Department of Biology
P.O. Box 42451 USL
300 E St. Mary Street
Lafayette, LA 70504-2451

Work phone: (318) 231-6146
FAX: (318) 231-5834

Professor.

Projects:

1992. An ecological analysis of marsh management in coastal Louisiana: Processes related to the fertility of marsh ecosystems.

Maine

Mr. Stewart I. Fefer
U.S. Fish and Wildlife Service
Gulf of Maine Coastal & Estuary Project
312 Canco Road
Portland, ME 04103
Work phone: (207) 828-1080
FAX: (207) 828-4001

Restoration of tidal flow to salt marshes in northern New England.

Projects:

1. Awcomin Marsh at Rye, NH, 1993. 20 acres of *Spartina* marsh were restored by excavation of channels for inundation.
2. Marsh at Stratham, NH, 1993-94. 12 acres of marsh were restored through placement of large culverts to enhance tidal flow.
3. Lewis Lake at Winthrop, MA, 1993-94. 8 acres enhanced by restored tidal flows.
4. Hatches Harbor site at Provincetown, MA. 200 acres of salt marsh restored through placement of culverts to allow tidal inundations.

Maryland

Ms. Candy C. Bartoldus
Environmental Concern, Inc.
P.O. Box P, 210 West Chew Ave
St. Michaels, MD 21663
Work phone: (410) 745-9620
FAX: (410) 745-3517

Senior Associate. Wetland evaluation procedures.

Projects:

Senior author of Evaluation for Planned Wetlands.

Mr. Robert Blama
U.S. Army Corps of Engineers, Baltimore District
Operations Division, Navigation Branch
P.O. Box 1715
Baltimore, MD 21203 (more)
Work phone: (410) 962-3663
FAX: (410) 962-6039

Ecologist/Project Manager. Habitat creation and beneficial use of dredged material. (more)

Projects:

1. Barren Island, MD. 1987-88. About 10 acres of *Spartina alterniflora* and *S. patens* marsh were created.
2. Eastern Neck Wildlife Refuge. 1993. 5 acres of *Spartina alterniflora* and *S. patens* marsh were created.

Dr. Donald F. Boesch

University of Maryland, Horn Point Lab
Center for Estuarine and Environmental Study
P.O. Box 775

Cambridge, MD 21613

Work phone: (301) 228-9250

FAX: -

Director; biology-ecology; wetlands, community ecosystems, resource management

Projects:

Can direct you to the source.

Ms. Dawn Renee Briggs

Environmental Concern, Inc.
P.O. Box P, 210 West Chew Ave
St. Michaels, MD 21663

Work phone: (410) 745-9620

FAX: (410) 745-3517

Associate Wetland Designer. Landscape architecture and ecological design.

Projects:

Research and design of various wetland types, including shoreline restorations with *Spartina alterniflora* and *S. patens*.

Mr. Carlo R. Brunori

Maryland Department of Natural Resources
Forest, Park and Wildlife Service
Tawes State Office Building, E-1
580 Taylor Avenue
Annapolis, MD 21401

Work phone: (410) 974-3195

FAX: Chief, Technical Services; Water quality assessment, and wetland planning and design for preservation of wildlife habitat.

Projects:

1. Involved with water quality assessments and management in South, Gunpowder, Lower Susquehanna and Bush rivers in Maryland.
2. Develops water quality plans for river basins, including wetland creation or modification for wildlife enhancement.
3. Interagency coordination for water quality issues.

Dr. Leon M. Cammen

NOAA/National Sea Grant College Program
Marine Ecology
R/OR1, 133 East-West Highway
Silver Spring, MD 20910

Work phone: (301) 427-2435

FAX: (301) 427-2799

Associate Program Director for Environmental Studies.

Projects:

Program manager for Coastal Ocean Program's Estuarine Habitat Program.

Ms. Mary Ellen Dore

Maryland Department of Natural Resources
580 Taylor Ave. B-3
Annapolis, MD 21401

Work phone: (410) 974-2784

FAX: (410) 974-2833

Manager, Chesapeake Natural Estuarine Research Reserve. Resource management, environmental policy, and ecology.

Mr. H. Glenn Earhart

U.S. Army Corps of Engineers, Baltimore District
P.O. Box 1715
Baltimore, MD 21203

Work phone: (302) 962-3369

FAX: (301) 962-3966

Environmental Program Manager/Biologist. Habitat development and hazardous/toxic waste management.

Projects:

N/A

Dr. R. Michael Erwin

U.S. Fish and Wildlife Service
Patuxent Wildlife Research Center
Laurel, MD 20708

Work phone: 301-498-0380

FAX: 301-498-0438

Projects:

1. Chesapeake Bay, Delaware Bay, Eastern Shore of VA, Southern New Jersey, and Outer Banks, NC.

Mr. Thomas Filip

U.S. Army Corps of Engineers
Baltimore District - Regulatory Branch
P.O. Box 1715

Baltimore, MD 21203-1715

Work phone: (410) 962-3670

FAX: (410) 962-6024

Asst. Chief of Regulatory; wetlands chemist

Projects:

1. 119th Street marsh creation in Ocean City, MD.
2. Isle of Wright Bay *Spartina alterniflora* marsh establishment; very successful.
3. Other more recent plantings in the area.

Dr. Edgar W. Garbisch

Environmental Concern Inc.
P.O. Box P

St. Michaels, MD 21663 (more)

Work phone: (410) 745-9620

FAX: (410) 745-3517

President; environmental consulting; marsh restoration and creation. (more)

Projects:

1. *Spartina alterniflora* and *S. patens* have been used in 203 shore restoration and marsh construction for bank erosion control projects during the period of 1972-1992.
2. *Spartina alterniflora* and *S. patens* have been used in 13 beneficial uses of dredged material projects, 15 regulatory restoration projects, 2 voluntary restoration projects, 63 wetland mitigation projects, and 10 experimental wetland construction projects from 1972-1992.
3. Designed and created or restored 43 freshwater marshes of various types.

Mr. Tim Goodger

National Marine Fisheries Service
Habitat and Protected Resources Div., NE Region
Oxford Field Office
904 South Morris Street
Oxford, MD 21654

Work phone: (410) 226-5771

FAX: (410) 226-5417

Assistant coordinator; resource management and estuarine ecology.

Projects:

Habitat protection; coastal marshes for fisheries and fisheries related populations.

Dr. Michael S. Kearney

University of Maryland
Dept. of Geography
College Park, MD 20742

Work phone: (301) 405-4057

FAX: (301) 314-9299

Associate Professor.

Projects:

1. Chesapeake Bay, Delaware Bay, Mississippi Delta, VA Barrier Islands, Assateague Island, Fire Island, NY

Mr. Christopher P. Kilgore, ASLA

Environmental Concern, Inc.
P.O. Box P, 210 West Chew Ave
St. Michaels, MD 21663

Work phone: (410) 745-9620

FAX: (410) 745-3517

Senior Associate; Wetland evaluation, design and delineation.

Projects:

1. Assisted in the design and construction of 15 projects using *Spartina alterniflora* for shoreline protection primarily in the Chesapeake Bay area.
2. Assisted with the design and construction of a tidal estuarine marsh using *Spartina alterniflora*.
3. Assisted with the design and construction of four freshwater marsh projects.

Dr. Mark L. Kraus

Environmental Concern, Inc.
P.O. Box P, 210 West Chew Ave
St. Michaels, MD 21663

Work phone: (410) 745-9620

FAX: (410) 745-3517

Senior Associate, Director of Education. Wetland evaluation, design and delineation.

Projects:

1. Designed and constructed 11 tidal estuarine marshes where *Spartina alterniflora* was the major species planted. Creation and restoration projects were primarily in the Chesapeake Bay area.
2. Assisted with the design and construction of 11 freshwater marsh projects.

Mr. Donald Robert MacLean

University of Maryland, College Park Campus, Natural Resources Management and Water Resources Engineering.
9023 Queen Maria Court
Columbia, MD 21045

Work phone: (410) 997-3513

FAX: -

Consulting Ecologist and Teaching Assistant. Wetland mitigation, restoration, botany and delineation.

Projects:

1. C&F Realty Marsh Restoration Project, May '91.
2. Amerada Hess Wetland Mitigation Project, Jan '91.
3. Fort Meade Wetland Mitigation Project, Aug '90.
4. Charles County Wetland Mitigation Project, Aug '90.

Ms. Tamara L. McCandless

U.S. Fish and Wildlife Service
Chesapeake Bay Program,
Living Resources Branch
180 Admiral Cochrane Dr., Suite 535
Annapolis, MD 21401

Work phone: (410) 224-2732

FAX: (410) 224-2781

Habitat restoration and protection specialist.

Projects:

1. Develop wetland/riparian and stream restoration program.
2. 1993. Marsh protection and restoration project using brush-fencing technique at Blackwater National Wildlife Refuge.

Dr. Robert W. Paul

St. Mary's College of Maryland
Division of Natural Science and Math
St. Mary's City, MD 20686

Work phone: (301) 862-0362

FAX: (301) 862-0999

Professor; ecology of salt marshes.

Projects:

1. Ecological base line studies on Chesapeake Bay saltmarshes, gastropods. (more)
2. Consulting for the Navy on environmental contamination issues; hazardous waste.

Mr. Marc Seelinger

Environmental Concern, Inc.
P.O. Box P, 210 West Chew Ave
St. Michaels, MD 21663

Work phone: (410) 745-9620

FAX: (410) 745-3517

Senior Associate; Wetland design and construction.

Projects:

1. Assisted in the design and construction of a tidal estuarine marsh where *Spartina alterniflora* was the major species planted.
2. Assisted with the design and construction of 5 freshwater marsh projects.

Dr. J. Court Stevenson

University of Maryland, Horn Point Laboratory
Center for Estuarine and Environmental Study
Cambridge, MD 21613-0775

Work phone: (301) 228-8200

FAX: (301) 476-5490

Professor, researcher; wetlands.

Mr. Charles Utermohle

Whitman Requardt
2315 St. Paul Street
Baltimore, MD 21218

Work phone: (410) 235-3450 Ext.206

FAX: (410) 243-5716

Massachusetts**Mr. Richard Albano**

Sanford Ecological Services
30 Turnpike Road
Southborough, MA 01772

Work phone: (508) 460-9900

FAX: (508) 481-2009

Wetlands ecologist.

Projects:

Consulting for wetlands mitigation.

Mr. Thomas E. Bigford

National Marine Fisheries Service, NE Region,
Habitat and Protected Resources Div.
One Blackburn Drive
Gloucester, MA 01930-2298

Work phone: (508) 281-9300

FAX: (508) 281-9301

Division Chief.

Habitat protection for fisheries populations.

Dr. Burton Bryan

The BSC Group
425 Summer Street
Boston, MA 02210

Work phone: (617) 345-4025

FAX: (617) 345-8008

Senior Biologist; wetlands and water quality impacts

Projects:

Central Artery/Tunnel project in Boston harbor, planning for marsh restoration to compensate for project impacts.

Dr. Lars H. Carlson

Sverdrup Corporation
2 Center Plaza
Boston, MA 02108-1906

Work phone: (617) 742-8060

FAX: (617) 742-8830

Environmental Scientist; consulting on wetlands and environmental permitting.

Projects:

1. Restoration design of a *Spartina* marsh for mitigation of impacts resulting from construction of a new MBTA railroad bridge between Boston and Quincy, MA.

Dr. Jerome B. Carr

Carr Research Laboratory, Inc.
17 Waban Street
Wellesley, MA 02181

Work phone: (508) 651-7027

FAX: (508) 651-7028

Environmental research and consulting; hydrology and wetland ecology.

Projects:

Freshwater wetlands analyzed, and restored.

Ms. Cheryl C. Deshaies

Lelito Environmental Consultants
100 Corporate Place, Suite 103
Peabody, MA 01960

Work phone: (508) 535-7861

FAX: (508) 535-0073

Restoration biologist; wildlife management, freshwater and coastal wetland restorations.

Projects:

1. *Phragmites* eradication and *Spartina* restoration at Post Island Marsh in Quincy, Massachusetts.
2. Restoration of a filled *Spartina* marsh on Sea Pit Road, Falmouth, MA.
3. Sand dune restoration at Sippewissett Hills in Falmouth, MA: replacement of sand by grain size and color, and revegetation with dune grass.
4. Analysis of the direct and indirect effects of a rod and gun club on the plants and the wildlife in a salt marsh in Martha's Vineyard.

Mr. Daniel L. Falcone

OHM Corporation

88-C Elm Street

Hopkinton, MA 01748

Work phone: (508) 435-9561

FAX: -

Dredging.

Projects:

Mr. George Gavutis

U.S. Fish and Wildlife Service - Northeast, Region 5

Refuges and Wildlife Program

300 Westgate Center Drive

Hadley, MA 01034-9589

Work phone: (413) 253-8574

FAX: -

Ms. Wendi Goldsmith

Bestmann Green Systems, Inc.

7 Mall Street

Salem, MA 01970

Work phone: (508) 741-1166

FAX: (508) 741-3780

Bioengineer; erosion and water quality control through restoration of vegetation.

Projects:

1. Nursery facility supplies plants grown in biodegradable coconut fiber matrix for erosion protection. Various fresh, brackish, and salt species are available as single- and multi-stemmed plugs as well as sods which tolerate considerable wave impact and other stress.

2. Restoration of a *Spartina alterniflora* marsh that was impacted by barge wakes at Fresh Kills landfill, New York.

3. Restoration and enhancement of high and low marshes on tidal systems and bay frontage on private lots, public lands, and demonstration projects from New York to Maine.

Dr. William B. Kerfoot

KV Associates, Inc.

281 Main Street

Falmouth, MA 02540

Work phone: (508) 540-0561

FAX: (508) 457-9053

President; Biology, hydrology and geohydrology.

Projects:

1. Reverse layering, an alternative approach to dredging for Lake Ana coastal restoration, 1988-1991.

Demonstration project.

2. Red Lily Pond diagnostic and feasibility study.

3. Subsidence dredging at Green Pond, 1991-present.

Mr. Paul R. Lelito

Lelito Environmental Consultants

P.O. Box 1525

North Falmouth, MA 02556

Work phone: (508) 564-5606

FAX: (508) 563-7669

President; biologist, consulting, wetlands restoration.

Projects:

1. *Phragmites* eradication and *Spartina* restoration at Post Island Marsh in Quincy, Massachusetts.

2. Restoration of a filled *Spartina* marsh on Sea Pit Road, Falmouth, MA.

3. Sand dune restoration at Sippewissett Hills in Falmouth, MA: replacement of sand by grain size and color, and revegetation with dune grass.

4. Analysis of the direct and indirect effects of a rod and gun club on the plants and the wildlife in a salt marsh in Martha's Vineyard.

Mr. Lee D. Lyman

Lycott Environmental Research, Inc.

600 Charlton Street

Southbridge, MA 01550

Work phone: (508) 765-0101, 1-800-462-

8211

FAX: (508) 765-1352

President; environmental assessments and restorations.

Projects:

1. Musquashicut Lake; Scituate, MA

2. Environmental analysis of several coastal ponds of Rhode Island.

Mr. Christopher Mantzaris

National Marine Fisheries Service, NE Region

Habitat and Protected Resources Div.

One Blackburn Drive

Gloucester, MA 01930-2298

Work phone: (508) 281-9346

FAX: (508) 281-9301

Habitat Program coordinator for the NE; Wetlands ecology and fisheries biology.

Projects:

1. Tracks various coastal habitat restoration/creation projects in the NE.

2. Evaluates permits to protect critical marine and estuarine habitat for fisheries organisms.

3. Placement of shell in Long Island Sound to restore oyster beds.

4. Restoration of 13+ acres of combined habitats (mudflats with tidal creeks, *Spartina alterniflora* marsh, and salt pans) in Revere, MA.

Mr. Michael J. Marcus

New England Environmental, Inc.

800 Main Street

Amherst, MA 01002

Work phone: (413) 256-0202

FAX: (413) 256-1092

Senior Biologist; consulting.

Mr. David Martin

Wm. M. Warwick and Associates Inc.
P.O. Box 801, 213 Old Main Road
North Falmouth, MA 02556

Work phone: (508) 563-7777
FAX: -

Civil Engineer; coastal and wetland issues.

Projects:

1. Inspection of docks and other coastal structures for meeting engineering codes for permits.
2. Bank stabilization projects. Rip-rap was used to stabilize the bank, and the shore-side was filled to desired height and planted with *Spartina* for biological stabilization of the shore. This was done for three adjacent properties in West Falmouth, Massachusetts. The adjacent marsh, used for access, was also planted to restore it where it had been damaged.

Mr. Dan McHugh

Great Meadow Farms
Sawyer Island
Rowley, MA 01969

Work phone: -
FAX: -

Projects:

1. Creation of a 20-acre *Spartina alterniflora* salt marsh from a dredge material deposition area - the Awconim Marsh Restoration project in New Hampshire.

Dr. Norton H. Nickerson

Tufts University
Department of Biology
Medford, MA 02155

Work phone: (617) 627-3544
FAX: (617) 627-3805

Professor; research and teaching about inland and coastal wetlands.

Projects:

1. Creation of salt marsh along the Neponset River near the new railroad bridge; between Boston and Quincy, MA.
2. Study of sulfide relationships to habitat in *Spartina alterniflora* in Cape Cod marshes.
3. Study of habitat differences in sulfide concentrations on habitat and successional patterns of the red mangrove (*Rhizophora mangle*) and the black mangrove (*Avicennia germinans*) in the Florida Everglades, the Bahamas, and Belize.

Dr. Douglas S. Sparrow

Louis Berger & Associates, Inc.
303 Bear Hill Road
Waltham, MA 02154

Work phone: (617) 890-8999
FAX: (617) 890-7959

Manager; wetlands specialist.

Projects:

1. Tidal marsh enhancement in Stonington, CT, 1992-present. Feasibility of expanding *Spartina* growth is a sub component in a tidal cove restoration project.

Ms. Susan Taylor

OHM Corporation
88-C Elm Street
Hopkinton, MA 01748

Work phone: (508) 435-9561
FAX: -

Dredging.

Dr. John M. Teal

Woods Hole Oceanographic Institute
Biology
Water Street
Woods Hole, MA 02543

Work phone: (508) 457-2090
FAX: (508) 457-2169

Researcher; biologist and ecologist.

Projects:

1. Long-term ecological studies of the Great Sippewissett Salt Marsh (GSSM), Buzzards Bay, Massachusetts.
2. Nitrogen cycling in GSSM.
3. Long-term pollution effects in GSSM.
4. Natural and artificial marsh restoration consulting in Los Angeles delta (CA), Delaware Bay (NJ), Copper River delta (AK), and Indian River (FL).

Mississippi**Mr. Hollis H. Allen**

U.S. Army Corps of Engineers
Waterways Experiment Station
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Work phone: (601) 634-3845
FAX: (601) 634-4016

Wetlands engineer; restores wetlands and uses bio-engineering to control erosion.

Projects:

Numerous freshwater, brackish and salt water marsh creation and bank stabilization projects.

Mr. Ellis J. Clairain, Jr.

U.S. Army Corps of Engineers
Waterways Experiment Station, Wetlands Ecology Group
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Work phone: (601) 634-3774
FAX: (601) 634-4016

Wetlands biologist.

Projects:

Development of wetland evaluation techniques.

Dr. Douglas G. Clarke
US Army Corps of Engineers
Waterways Experiment Station, Environmental
Laboratory

3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Work phone: (601) 634-3770

FAX: (601) 634-4016

Oceanographer.

Projects:

1. Principal investigator of Corps WRP research area on coastal intertidal wetlands.

Site A - Winyah Bay, S. Carolina. *Spartina* marsh naturally established (not transplanted) on dredged material from maintenance dredging projects. Cooperative study of fauna and flora in various age zones in the established marsh. Participants include the Univ. of N. Carolina at Wilmington and the Univ. of S. Carolina Belle Baruch Marine Institute.

Site B - Pelican Spit, Galveston Bay, Texas. Transplanted marsh on dredged material derived from maintenance dredging of intra-coastal waterway. Cooperative project with National Marine Fisheries Service Galveston Laboratory (Tom Minello).

Mr. Gary J. Cuevas

Mississippi Department of Wildlife, Fisheries and Parks
Bureau of Marine Resources
2620 Beach Blvd.

Biloxi, MS 39531

Work phone: (601) 385-5884

FAX: (601) 385-5864

Marine Program Manager.

Projects:

1. Marsh site at Pass Christian on Menge Avenue, a small mitigation project.

Dr. Lionel Eleuterius

Gulf Coast Research Laboratory
P.O. Box 7000

Ocean Springs, MS 39564

Work phone: (601) 872-4200

FAX: (601) 872-4204

Dr. Mary C. Landin

U.S. Army Corps of Engineers
Waterways Experiment Station, Environmental
Laboratory

3909 Halls Ferry Road

Vicksburg, MS 39180-6199

Work phone: (601) 634-2942, (800) 522-6937

ext. 2942

FAX: (601) 634-4016

Research Biologist.

Projects:

1. Designs, conducts and coordinates many wetland restoration and creation projects involving the use of *Spartina alterniflora* on dredged material placement sites (for the past 20 years) and mitigation projects.
2. Manages COE nation-wide wetlands restoration, protection and establishment research program.
3. Is a member of the National Academy of Sciences committee on the role of technology in Coastal Habitat Restoration and Protection. Producing a final book in the summer, 1993.
4. Manages the monitoring program where *Spartina alterniflora* was used for coastal restoration/creation, sites include: 1) Buttermilk Sound, GA; 2) Apalachicola Bay, FL; 3) Gaillard Island, AL; 4) Bolivar Peninsula, TX; 5) several sites in Chesapeake Bay, MD & VA; 6) Winyah Bay, SC (natural colonization by *S.a.*); 7) several sites in LA & MS; 8) several sites in Tampa Bay, FL.
5. Two EPA-funded restoration studies along the Gulf of Mexico; mostly using *Spartina alterniflora*.

Dr. Mark W. LaSalle

Mississippi State University
Coastal Research and Extension Center
2710 Beach Blvd., Suite 1-E
Biloxi, MS 39531

Work phone: (601) 388-4710

FAX: (601) 388-1375

Marine Resource Specialist, Mississippi Sea Grant Office.

Projects:

1. Evaluating transplanted marshes in Mississippi (some *Spartina* but mostly *Juncus*).
2. With COE - coastal wetland management protocol techniques for evaluating relative functional level of marsh - 1 year to completion.
3. Evaluation of different wetland type functions - preliminary work.
4. Evaluating thin layer disposal of dredge materials in marshes as a soil accretion mitigation tool.

Mr. John H. Lowe

Chevron USA Products
Pascagoula Refinery

P.O. Box 1300

Pascagoula, MS 39568-1300

Work phone: (601) 938-4600

(601) 938-4363

FAX: (601) 938-4230

Environmental Specialist.

Projects:

1. Graded-down 35 acres of pine plantation into 25 acres of *Juncus/Spartina alterniflora* marsh; 1985.
2. Seeking permit for creation of a 1.4 acre *Spartina alterniflora* marsh; mitigation coupled to a water divergence plan; 1993.

Dr. L. Jean O'Neil
 U.S. Army Corps of Engineers
 Waterways Experiment Station, Stewardship Branch
 CEWESEN-S
 3909 Halls Ferry Road
 Vicksburg, MS 39180
 Work phone: (601) 634-3641
 FAX: -

Mr. Michael R. Waring
 U.S. Army Corps of Engineers
 Waterways Experiment Station
 P.O. Box 631
 Vicksburg, MS 39180
 Work phone: (601) 634-2290
 FAX: -
 Biologist; Environmental laboratory.
 Projects:
 1. Whooping crane habitat characterization, Aransas
 National Wildlife Refuge, Texas.

New Hampshire

Ms. Sarah D. Allen
 Normandeau Associates, Inc.
 25 Nashua Road
 Bedford, NH 03110
 Work phone: (603) 472-5191
 FAX: (603) 472-7052
 Wetland ecologist.
 Projects:
 1. A manual for monitoring mitigation and restoration projects of New Hampshire's salt marshes; 1992. Includes sampling methods, data collection forms and assessment criteria, plus extensive background and literature on local functions and technical considerations.

Dr. Alan Phelps Ammann
 U.S. Soil Conservation Service
 New Hampshire State Office
 Federal Building
 Durham, NH 03824
 Work phone: (603) 868-7581
 FAX: (603) 868-5301
 Biologist; wetlands, water quality and wildlife habitat responsibilities.
 Projects:
 Rye Harbor. 1992. Restored a portion of salt marsh formerly used as harbor dredge material deposition site. This project breached the dike to allow saltwater access to the interior. *Spartina patens* is becoming established in the high marsh area, and the borders of the canals are supporting small stands of *Spartina alterniflora*, as are presently growing around the dike perimeter. *Phragmites* should be reduced as saltwater infiltrates.

Dr. David M. Burdick
 University of New Hampshire
 Dept. of Natural Resources
 Jackson Estuarine Laboratory
 85 Adams Point Road, R.F.D. 2
 Durham, NH 03824-3406
 Work phone: (603) 862-2175
 FAX: (603) 862-1101
 Research/ coastal plant ecology, landscape ecology.
 Projects:
 1. Halophyte Biology Lab saltmarsh, 3/90.
 2. Awcomin Restoration, 4/92
 3. Portsmouth Port Expansion, N. Mill Pond, proposed for 6/93.

Mr. Peter S. Helm
 New Hampshire, Office of State Planning,
 Coastal Program
 2-1/2 Beacon Street
 Concord, NH 03301
 Work phone: (603) 271-2155
 FAX: (603) 271-1728
 Director of Coastal Program; management, wetland restoration planning.
 Projects:
 1. Overseeing coastal restoration activities for the state of New Hampshire.
 2. Managing the efforts to restore a 35-acre dredged material deposition site to a *Spartina alterniflora* salt marsh -- the Awcomin Marsh Restoration Project.
 3. Project management of a 15-acre saltmarsh restoration of a former dredged material disposal site along the NM seacoast. Material removal and channel excavation is required; extensive monitoring is also part of the project.
 4. Stuart Farm Marsh Restoration project, 1993.
 Installing of large box culverts will reintroduce tidal exchange to a 10-acre area; project will be monitored for marsh development.

New Jersey

Dr. James F. De Bouno, Ph.D.
 James De Bouno & Associates, Inc.
 Environmental Engineering
 P.O. Box 265, 28 Teabury Court
 Marlton, NJ 08053
 Work phone: (609) 985-0455
 FAX: (609) 228-7811
 Environmental Scientist/Engineer; wetlands, wildlife, and plant studies.
 Projects: more...
 1. Inland Project, California Villa wetland restoration in North Hanover, Burlington County, NJ, 1992.
 Rechannelization of stream, restored grades and wetlands

in a small unnamed stream off the North Run River to help remedy the problem of unauthorized disturbance.
(more)

2. Birch Tree Developers restoration; Bergen County, NJ, 1991. Channel bank restoration by fill removal, grading, and replanting wetland.

Mr. Oliver T. Edstrom

Associated Environmental Applications
901 Clarks Landing Road
Egg Harbor City, NJ 08215

Work phone: (609) 965-4034

FAX: (call work phone to access FAX)

Consultant; wetlands, enhancement, bank protection, restoration of coastal marshes.

Projects:

1. Several projects involving the planting of *Spartina alterniflora* in coastal areas.

-60 acres of coastal wetlands in New Jersey.

-3.5 acres: intercepting lot, dredge/disposal area.

-5.5 acres: commercial lot.

-1.5 acres: Ferry Terminal enlargement.

-7 acres: high school area.

2. Restoration after construction projects

-projects involved a variety of restoration plans including sites with intercepting pipelines and roadways, aqueduct installations, and force mains.

Mr. James M. Eisenhardt

Joseph L. Lomax and Associates, Inc.
P.O. Box 9

Cape May Court House, NJ 08210

Work phone: (609) 465-9857

FAX: (609) 465-2449

Vice-president; wetlands biologist, delineation, design, mitigation restoration.

Projects:

1. Mitigation project where 3-4 acres of coastal land was restored back to tidal marsh from higher elevations that had been taken over by *Phragmites*.

2. Several projects where 3-10 acre areas of uplands were converted to tidal marsh, with successful establishment of *Spartina*.

3. Many projects restoring freshwater wetlands.

Mr. Donald W. Hamer

U.S. Soil Conservation Service
Cape May Plant Materials Center
1536 Route 9N

Cape May Court House, NJ 08210

Work phone: (609) 465-5901

FAX: (609) 465-9284

Agronomist/manager; tidal bank restoration and stabilization.

Projects:

1. Developing hardy strains of *Spartina*.

2. Evaluation of *S. patens* for tidal bank stabilization: Choptank River, MD., Broad Bay, VA., Albemarle Sound, NC., and Chesapeake Bay, MD.

3. Evaluation of *S. alterniflora* for tidal bank stabilization: Broad Bay, MD., Occohannock Creek, VA., Choptank River, MD., and Chester River, MD.

Mr. Joseph L. Lomax

Joseph L. Lomax and Associates, Inc.
P.O. Box 9

Cape May Court House, NJ 08210

Work phone: (609) 465-9857

FAX: (609) 465-2449

Vice-president; wetlands biologist, delineation, design, mitigation restoration.

Projects:

1. Mitigation project where 3-4 acres of coastal land was restored back to tidal marsh from higher elevations that had been taken over by *Phragmites*.

2. Several projects where 3-10 acre areas of uplands were converted to tidal marsh, with successful establishment of *Spartina*.

3. Many projects restoring freshwater wetlands.

Mr. Christopher F. Miller

U.S. Soil Conservation Service
1370 Hamilton Street
Somerset, NJ 08873

Work phone: (908) 246-1205, Ext. 144

FAX: (908) 246-2358

Plant Materials Specialist, Certified. Stabilization of dunes and tidal shoreline.

Projects:

1. Develop and release improved varieties of *Spartina* for use in shoreline stabilization.

2. Evaluate and develop bioengineering techniques utilizing *Spartina*.

3. Provide technical assistance to commercial growers of *Spartina*.

Mr. Ronald W. Prann

International Technology Corporation
Wetland Division
165 Fieldcrest Avenue
Edison, NJ 08837

Work phone: (908) 225-2000

FAX: (908) 225-1691

Wetland delineations and land use issues.

Projects:

1. Formosa *Spartina* creation project, 1987. Arthur Kill, NJ/NY Waterway, Cateret, NJ.

2. Navy *Spartina* restoration, 1992, Norfolk, VA.

3. *Spartina* damage assessment following 567,000 gallon No.2 fuel oil spill, Arthur Kill, 1990-1992.

Dr. Joseph K. Shisler

Shisler Environmental Consultants, Inc.
23 Running Brook Drive
Hightown, NJ 08520 (more)

Work phone: (908) 446-3669

FAX: (908) 446-2381

Wetlands Ecologist; Mitigation and Restoration.

Projects:

1. Mores Beach, 1972, 600 acres of tidal restoration of a salt hay farm, Cumberland County, NJ.
2. Island Beach State Park, 5 acres of restoration of a wetland system, Ocean County, NJ.
3. Wheelers Hay-Farm, 300 acres of tidal restoration to a salt hay farm, Cape May County, NJ.

New York**Ms. Betsy Adamson**

New York City Dept. of Environmental Protection
Natural Systems Planning
59-17 Junction Blvd.
Elmhurst, NY 11373

Work phone: (718) 595-3509

FAX: (718) 595-3557

Director; wetland restoration, enhancement, inventory of natural resources, and impact analysis.

Projects:

1. Several projects were implemented where sewer outfall construction requires regrading, restoration or enhancement of degraded shoreline, 1993.
2. April-June, 1993, enhancement of shoreline near the Pelham Municipal Landfill for the treatment of subsurface seeps of landfill leachate.
3. Proposed project - Restoration of high marsh area in Broad Channel, an inhabited island in the middle of Jamaica Bay Wildlife Refuge, where intertidal and high marsh have been lost from filling.

Mr. Michael P. Bontje

B. Laing Associates,
Environmental Science
225 Main Street
Northport, NY 11768

Work phone: (516) 261-7170

FAX: (516) 261-7454

President; Environmental design and wetlands restorations.

Projects:**Mr. Sven Hoeger**

Creative Habitat Corp.
253 Old Tarrytown Road
White Plains, NY 10603

Work phone: (914) 948-4389

FAX: (914) 681-5136

President; Hydro/soil bioengineer and wetlands ecologist.

Projects:

1. Tidal creek salt marsh restoration by Fresh Kills Landfill, 1990.

Mr. Leonard Houston

U.S. Army Corps of Engineers
Special Projects Section - Environmental Branch
26 Federal Plaza
New York, NY 10278

Work phone: (212) 264-1275

FAX: (212) 264-5472

Supervisory fisheries biologist; restoration and monitoring.

Projects:

1. Hemstead Harbor, NY. Replanting areas of existing marsh with *Spartina alterniflora*; about 2 acres. 1993.

Mr. Marc A. Matsil

Director Natural Resources Group
City of New York - Parks and Recreation
1234 5th Avenue, Rm. 233
New York, NY 10029

Work phone: (212) 360-1417

FAX: (212) 360-1426

Director of NRG; restoration ecology.

Projects:

1. NYC Parks Harbor Herons Wetlands Preserve. Restoration of salt marshes damaged by the 1990 Exxon oil spill; also involves a 6 year restoration, research and monitoring plan.
2. Alley Creek, Alley Pond Park, Queens, NY; *Spartina* salt marsh restoration; completion expected in 1994.
3. Plum Beach salt marsh restoration and dune restoration project; a collaborative effort between NYC Parks Natural Resources Group and the National Parks Service (Gateway NRA); completion expected in 1993.

North Carolina**Dr. Stephen W. Broome**

North Carolina State University
Department of Soil Science, Box 7619
Raleigh, NC 27695-7619

Work phone: (919) 515-2643

FAX: (919) 515-2167

Associate Professor of biology and ecology; ecosystems, wetlands, macrophytes, soil science, restoration, mitigation.

Projects:

1. North Carolina, South Carolina, Louisiana, and France (Brittany Coast, site of Amoco Cadiz oil spill): effects of oil spills and cleanup activities on coastal marshes (more)
2. Past projects encompassed developing methods for

Spartina alterniflora marsh creation and determining productivity and functional equivalence.

Dr. Christopher B. Craft

Duke University Wetland Center
School of the Environment
Duke University
Durham, NC 27706

Work phone: (919) 684-2619

FAX: -

Research Assistant Professor; Biogeochemical cycling in natural and created marshes.

Projects:

1. Dredge spoil stabilization with *Spartina alterniflora*, Spring'87. Hacker's Island-Swansboro-Sneads Ferry, North Carolina. Cooperative project with USCOE and NMFS.
2. Mitigation project, creation of *S. alterniflora* marsh, Spring'89. Cape Fear, North Carolina. Cooperative project with NC Ports Authority.

Ms. Carolyn Currin

National Marine Fisheries Service
SEFC Beaufort Laboratory
101 Pivers Island Rd.
Beaufort, NC 28516

Work phone: (919) 728-8749

FAX: (919) 728-8784

Microbiologist; Nitrogen cycling and wetlands restoration.

Projects:

1. Accelerated functional development in transplanted salt marshes. 6/90-93.
2. Evaluation of restored wetlands and enhancement methods for existing restorations. 1992.

Mr. Mark S. Fonseca

National Marine Fisheries Service
SEFC Beaufort Laboratory
101 Pivers Island Rd.
Beaufort, NC 28516

Work phone: (919) 728-8729

FAX: (919) 728-8784

Ecologist. Seagrass ecology and restoration.

Projects:

1. NMFS/CORPS MOA-North Carolina, 1985 to present; research involving marsh restoration at Harker Island, Swansboro, and Snead's Ferry, N.C.
2. NMFS-North Carolina, Maryland, Florida, St. Croix, Texas, California, Washington and SE Asia, 1977-present; research in seagrass ecology and restoration including hydrodynamics and landscape pattern.

Mr. Jeffrey C. Furness

Texasgulf Inc.
P.O. Box 48
Aurora, NC 27806

Work phone: (919) 322-4111

FAX: (919) 322-4444

Environmental Scientist; consulting, marsh creation and monitoring.

Projects:

1. Planted 10.1 acres of coastal marsh using *Spartina alterniflora*, *S. patens*, *S. cynosuroides*, and *Juncus roemerianus* adjacent to South Creek, a tributary of the Pamlico River, near Aurora, NC. Studies were made of vegetative growth and soil development over several years following planting.
2. Planted 1.6 acres of marsh using the three *Spartina* species in the same vicinity. Studies are being made of the fish and benthic populations in the marsh, comparing them with those in a nearby natural marsh.
3. Planted 8.8 acres of the *Spartina spp.* and *Juncus*. Studies of vegetative growth, fish populations, and invertebrate colonization have been done comparing the man-made to natural marsh habitat.

Mr. Douglas Huggett

N.C. Dept. of Transportation, Division of Highways & Planning, Environmental Branch
P.O. Box 25201
Raleigh, NC 27611

Work phone: (919) 733-9770

FAX: (919) 733-9794

Environmental Specialist.

Projects:

1. Onslow County, N.C. Created 1.3 acres of *Spartina alterniflora* and *Spartina patens* marsh to offset impacts of construction over 0.5 acres of natural marsh at New River inlet.
2. Dare County, N.C. Created 0.6 acres of *Juncus* marsh to offset impacts of two new bridge constructions at Nag's Head, and created 1.5 acres of *Juncus* marsh near Mantia to offset impacts of a bridge.
3. Working with U.S. Fish and Wildlife Service to put in *Scirpus* marsh at Pea Island Wildlife Refuge.
4. Carteret County, N.C. Creating 2.0 acres of *Juncus* marsh at Cedar Island to mitigate construction impacts on natural *Juncus* marsh.

Dr. Judson W. Kenworthy

National Marine Fisheries Service
SEFC Beaufort Laboratory
101 Pivers Island Rd.
Beaufort, NC 28516

Work phone: (919) 728-8750

FAX: (919) 728-8784

Research Fisheries Biologist. Ecology and seagrasses.

Projects:

North Carolina/ Corps MOA 1985 to Present.

Mr. David L. Meyer
National Marine Fisheries Service
SEFC Beaufort Laboratory
101 Pivers Island Rd.
Beaufort, NC 28516

Work phone: (919) 728-8714

FAX: (919) 728-8784

Fisheries Biologist. Invertebrate zoology and estuarine ecology.

Projects:

1. NMFS/CORPS MOA-1985 through present.
2. Evaluation of restored wetlands and enhancement methods for existing restored marshes. 6-92 Start.

Dr. Ernest D. Seneca
North Carolina State University
Botany Department
P.O. Box 7612
Raleigh, NC 27695-7612

Work phone: (919) 515-2727

FAX: (919) 515-3436

Professor and Head of Dept. Establishment, rehabilitation and restoration of coastal dunes and salt marshes.

Projects:

1. Numerous coastal marsh establishments and restorations among the Atlantic estuaries of the US, using *Spartina alterniflora*.
2. Many publications about materials and methods to create or restore salt marshes using *S. alterniflora*, primarily.
3. Restoration of salt marshes along the Brittany coast of France following the Amoco Cadiz oil spill.

Dr. Gordon W. Thayer
National Marine Fisheries Service
SEFC Beaufort Laboratory
101 Pivers Island Rd.
Beaufort, NC 28516

Work phone: (919) 228-8747

FAX: (919) 728-8784

SEFSC Habitat Coordinator, Fishery habitat Research Team Leader, and Fisheries ecologist. Also serves as the Research Coordinator for the NOAA Restoration Center.

Projects:

1. Studying seagrass and salt marsh habitat and restoration from N.C. to Florida from a fisheries perspective.
2. Studying mangrove habitats of South Florida.
3. Advises on salt marsh ecology, mitigation, and restoration, particularly along the mid-Atlantic coastal states.

Ms. Gwendolyn Ann Thunhorst
University of North Carolina
Department of Biology/Ecology
424 Hickory Drive
Chapel Hill, NC 27514

Work phone: FAX: Graduate Student.
Wetland ecology and botany research.

Projects:

Hartz Mountain Wetland Restoration Research-Determination of Reasons for the failure of seeded *Spartina alterniflora* (Environmental Concerns, INC.) May 1991

Oregon

Mr. Robert L. Emmett
National Marine Fisheries Service
Hammond Laboratory
P.O. Box 187
Hammond, OR 97121

Work phone: (503) 861-1818

FAX: -

Fisheries research; estuarine salmonid habitat.

Projects:

1. Interested in usage of *Spartina alterniflora* marshes by fish and invertebrates.
2. Cooperative study with the Corps of Engineers concerning stranding of juvenile salmonids by ship wakes in the Columbia River.
3. Potential use of dredged material to rebuild intertidal areas that have been scoured, and possible stabilization using marsh grasses.

Ms. Paula Levin
U.S. Fish and Wildlife Service
Habitat Conservation / Federal Activities
911 NE 11th Ave.
Portland, OR 97232

Work phone: (503) 231-2068

FAX: (503) 231-2080

Coastal Program Coordinator; wetlands and regulatory activities.

Mr. John Marshall
U.S. Fish and Wildlife Service
Oregon State Office
2600 SE 98th Ave., Suite 100
Portland, OR 97266

Work phone: (503) 231-6179

FAX: (503) 231-6195

Biologist; coastal permits and NEPA review.

Projects:

1. Proposed salt marsh restoration by dike breaching on the Salmon River Estuary. U.S. Forest Service.
2. Restoration of tidal exchange to a tidal salt marsh in Trestle Bay by breaching a jetty and a causeway. U.S. Army Corps of Engineers and Oregon State Parks Dept.

Mr. Richard P. Novitzki
ManTech Environmental Technology, Inc.
1600 SW Western Blvd.
Corvallis, OR 97333

Work phone: (503) 754-4666

FAX: (503) 754-4335

Senior Scientist; EMAP wetlands.

Projects:

Pennsylvania

Dr. Keith L. Bildstein

Hawk Mountain Sanctuary

R.R. 2, Box 191

Kempton, PA 19526

Work phone: (215) 756-6961

FAX: (215) 756-4468

Director of Research. Avian ecology and fiddler crab ecology.

Projects:

1. Long term study of white ibis, their breeding and feeding ecology in S. Carolina freshwater, brackish water and *Spartina alterniflora* marshes.
2. Long term effects of hurricane Hugo on the breeding ecology of wading birds in coastal salt marshes in S. Carolina.
3. Ecological studies of fiddler crabs, their burrowing behavior in *Spartina* and brackish marshes.

Mr. Edward R. Bonner

U.S. Army Corps of Engineers, Philadelphia District
Regulatory Branch

100 Penn Square East, Wanamaker Building

Philadelphia, PA 19107-3390

Work phone: (215) 656-6728

FAX: (215) 656-6724

Senior biologist; permitting and mitigation.

Projects:

1. Delaware DOT mitigation on the St. Jones River established about 4 acres of *Spartina alterniflora* marsh in 1986. Planted by Environmental Concern, Inc.
2. At Siliguini, about 1 acre of irregularly flooded salt marsh having *Spartina alterniflora*, *Salicornia sp.*, and *Distichlis spicata*.

Mr. Kevin W. Dougherty

A.D. Marble & Company

1062 Lancaster Ave.

Rosemont, PA 19010

Work phone: (215) 527-9311

FAX: (215) 527-5646

Senior environmental planner, and Certified Ecologist, ESA; freshwater and tidal wetlands.

Projects:

1. A 0.5 acre low marsh of *Spartina alterniflora* in Cape May County, NJ; design approved, construction scheduled for March 1993.

2. A 2.3 acre tidal freshwater marsh restoration in Prince George's County, MD; design approved August 1991.

3. A 0.2 acre tidal freshwater marsh restoration for oil damage in Monmouth County, NJ, in 1990.

Mr. Barry Dubinski

Roy F. Weston, Inc.

1 Weston Way

West Chester, PA 19380

Work phone: (215) 430-3137

FAX: (215) 430-7401

Dr. Michael A. Hardisky

University of Scranton

Biology Department

Scranton, PA 18510

Work phone: (717) 941-7514

FAX: (717) 941-6369

Professor; researcher.

Dr. Willard C. McCartney

Michael Baker, Jr., Inc.

Transportation Planning (Environmental)

Airport Office Park, 420 Rouser Rd., Bldg.#3

Coraopolis, PA 15108

Work phone: (412) 269-4601

FAX: (412) 269-2048

Environmental Manager; Vertebrate and wetland ecology.

Projects:

1. Plum Beach Restoration, 9-92. Shoreline stabilization and marsh restoration.
2. Several freshwater wetland restoration projects.

Mr. Schucet

Baker Engineers

Building 3, 420 Rouser Road

Coraopolis, PA 15108

Work phone: (412) 269-2048

FAX: (412) 269-4604

Projects in both New York and Virginia.

Rhode Island

Mr. Joseph Dowhan

U.S. Fish and Wildlife Service

South New England Estuary Project

Shoreline Plaza

P.O. Box 307

Charlestown, RI 02813

Work phone: (401) 364-9124

FAX: (401) 364-0170

Dr. Frank Golet

University of Rhode Island
Department of Natural Resources Science
Woodward Hall
Kingston, RI 02881

Work phone: (401) 792-2916

FAX: (401) 792-4561

Professor and research scientist; avian and wetland ecology.

Projects:

1. Narragansett, RI. Baseline ecological study of the 125 acre Galilee Bird Sanctuary regarding tidal regime, ground water levels, vegetation types and habitats, salinity profiles, and use of the area by migratory and locally breeding populations of birds. The sanctuary, which was largely cut off from tidal flow in 1956--and is now brackish--will be restored to salt marsh in 1994. GIS technology is being used to compare historic conditions to current conditions to aid in designing the restoration plan.
2. 25 years of research studies involving the ecology of forested wetlands.
3. Recent studies of bird usage of coastal marshes, with varying degrees of mosquito control ditching.

Mr. Scott S. Hobson

Environmental Scientific Corporation
Division of Keyes Associates
10 Lincoln Center Boulevard
Lincoln, RI 02865

Work phone: (401) 333-0100 ext. 27

FAX: (401) 333-4556

Environmental scientist; wetlands delineation and permitting.

Projects:

Assist individuals, companies and agencies with delineation of wetlands, mitigation activities including restoration design and obtaining permits from local, state, and federal agencies when necessary.

Mr. Paul J. Shea, MA

Independent Environmental Consultants, Inc.
32 Levitt Lane
Exeter, RI 02822

Work phone: (401) 294-3909

FAX: -

Biologist, hydrologist. Environmental assessments; coastal and freshwater wetlands.

Projects:

1. Coastal restoration of Winnapaug Pond, assessment of critical area, 1992.
2. Numerous freshwater wetland restorations.

Ms. Dana Zewinski

Environmental Scientific Corporation
Division of Keyes Associates
10 Lincoln Center Boulevard
Lincoln, RI 02865

Work phone: (401) 333-0100

FAX: (401) 333-4556

Environmental scientist; wetlands delineation and permitting.

Projects:

Assist individuals, companies and agencies with delineation of wetlands, mitigation activities including restoration design and obtaining permits from local, state, and federal agencies when necessary.

South Carolina**Dr. Vincent J. Bellis, Jr.**

East Carolina University, Department of Biology
P.O. Box 4353
Greenville, SC 27858-4353

Work phone: (919) 757-6296

FAX: (919) 757-4178

Professor of Biology; Wetlands and resource management.

Projects:

Primary production in saltmarshes (*Spartina patens* and *S. cynosuroides*) by algae and diatoms.

Dr. Elizabeth R. Blood

University of South Carolina
Department of Environmental Health Services
Columbia, SC 29208

Work phone: (803) 777-6994

FAX: (803) 777-4783

Associate Professor. Biogeochemistry and nitrogen cycling.

Projects:

Nitrogen cycling in *Spartina* marshes in the Charleston, S.C. area.

Mr. Andrew L. Bunch

R. S. Industries
P.O. Box 1594
Georgetown, SC 29442-1594

Work phone: (803) 527-2204

FAX: -

Executive, Foreign Relations Technical Div. Database research/compilation and military assessments and affairs.

Projects:

1. Wetlands database compilation, 8-91.
2. *Spartina alterniflora* database and directory construction, 6-92.

Dr. Robert R. Christian

East Carolina University, Biology Department
P.O. Box 4353
Greenville, SC 27858

Work phone: (919) 757-6287

FAX: (919) 757-4178

Professor of Biology; Estuarine microbial ecology and system ecology.

Projects:

1. High marsh dynamics and the influence of tidal inundation.
2. Below ground processes of production and decomposition.
3. Nitrogen cycling and exchanges between sediment and water.

Mr. John Hensel

S.C. Coastal Council, Permitting
4130 Faber Place, Suite 300
Charleston, SC 29405

Work phone: (803) 744-5838

FAX: (803) 744-5847

Chief of Permit Enforcement

Projects:

1. 1993-present. SCDHPT Highway and bridge construction project. Grade down old causeway to elevation of adjacent marsh to allow revegetation by marsh plants of 4.5 acres of intertidal zone.
2. 1993-present. North Charleston Sewer District mitigation for fill associated with the expansion of a waste treatment facility. Wooded upland (0.8 acre) was graded to intertidal elevations to allow revegetation by surrounding marshes in the Ashley River.
3. Mitigation by Walling Grove Development Co. for fill allowed to widen an existing causeway. Project involves establishing brackish marsh in an area of graded down upland; 0.1 acre.

Dr. Eric Thor Koepfler

University of South Carolina - Coastal Carolina College
P.O. Box 1954
Conway, SC 29526

Work phone: (803) 349-2222

FAX: (803) 349-2990

Assistant Professor.

Projects:

Testing a theory between the interplay between ecosystem maturation and physical development coastal systems.

Dr. Richard H. Moore

University of South Carolina
Coastal Carolina College
Box 1954
Conway, SC 29526

Work phone: (803) 349-2050

FAX: (803) 349-2900

Professor and Ass. Vice Chancellor

Bio-Ecology; community, wetlands, nekton, fish.

Projects:

1. A community ecology study of estuarine fishes in Singleton Swash, SC, a *Spartina* marsh inlet.

2. Estuarine study of the biology of the spotfin mojarra, *Eucinostomus argenteus*.

Mr. Steve Moore

South Carolina Coastal Council
4130 Faber Place Suite 300
Charleston, SC 29405

Work phone: (803) 744-5838

FAX: (803) 744-5847

Permit Administrator.

Projects:

Administers permits for wetlands

Dr. James T. Morris

University of South Carolina
Department of Biological Sciences
Columbia, SC 29208

Work phone: (803) 777-3940

FAX: (803) 777-4002

Professor. Wetlands ecology and plant physical ecology.

Projects:

1. Effect of nitrogen loading on wetlands ecosystem: particular reference to atmospheric deposition. 1992

Dr. Harold Ornes

University of South Carolina
Department of Biology and Geology
171 University Parkway
Aiken, SC 29801

Work phone: (803) 648-6851

FAX: (803) 641-3382

Chairman, Department of Biology & Ecology; Ecology of wetlands (algae, macrophytes, nutrients, sediments).

Projects:

1. Nutrient status of *Spartina* in North Inlet, S.C.
2. Live and dead stems and roots nutrient composition of *Spartina* at North Inlet, S.C.
3. Monitoring of the vegetation after cleanup and restoration of Lost Lake, a Carolina Bay at the Savannah River Site, Aiken, S.C.

Mr. Mark Purcell

U.S. Army Corps of Engineers, Regulatory Branch
P.O. Box 919
Charleston, SC 29402

Dr. Robert F. Van Dolah

S.C. Wildlife & Marine Resource Dept.
Marine Resource Research Institute
P.O. Box 12559
Charleston, SC 29412

Work phone: (803) 762-5048

FAX: (803) 762-5110

Assistant Director. Benthic ecology and environmental assessment.

Texas

Mr. John S. Adams

The Conrad Blucher Institute for Surveying & Science
Texas A & M University - Corpus Christi
6300 Ocean Drive
Corpus Christi, TX 78412

Work phone: (512) 994-2376

FAX: (512) 994-2715

Biologist; estuarine ecosystems.

Projects: (more)

1. Applications of telemetric collection of coastal environmental data.
2. Monitoring of 'attempted' creation of a *Spartina alterniflora* salt marsh in the Nueces River delta, Texas, 1990-1991.
3. Creation of a 'mini' *Spartina alterniflora* salt marsh in relation to water level fluctuations and soil elevation in the Nueces River delta.

Mr. Charles E. Belaire

Belaire Consulting, Inc.

P.O. Box 741

Rockport, TX 78382

Work phone: (512) 729-2948

more...

FAX: (512) 729-2970

President; wetlands planning, design, and construction.

Projects:

1. Creation of 7.5 acres of *Spartina alterniflora* marsh in Mesquite Bay, Texas, 1992. A mitigation project by Mitchell Energy Corp.
2. Creation of two *S. alterniflora* marshes totaling 5 acres on Pelican Spit in Galveston Bay, Texas, 1991. COE projects utilizing dredged material to fill low areas.
3. Kon Tiki Condos mitigation project in Aransas Bay created a small 0.1 acre wetland.
4. Planning, permitting, installation, and monitoring of 54 acres of seagrass habitat to restore and mitigate impacts due to construction of a 20" Transco pipeline in the Upper Laguna Madre, Texas, 1989-1990.
5. Planting of 45 acres of seagrass in the Lower Laguna Madre to restore impacts due to dredge material disposal for Energy Development Corp., 1990.

Mr. Paul Carangelo, R.E.M.

Island Botanics, Environmental Consultants

3734 Flour Bluff Dr.

Corpus Christi, TX 78418

Work phone: (512) 937-4873

FAX: -

Environmental and regulatory management; Ecological consulting, habitat restoration, wetland and seagrass bed evaluation, restoration, and construction.

Projects:

1. Texas State Aquarium. Designed and built a 1.25 acre marsh exhibit which included transitional habitats from uplands to *Spartina alterniflora* marsh to subtidal seagrass beds and oyster reefs.

2. San Patricio County Navigation District No.1.

Designed and built a *Spartina alterniflora* wetlands for mitigation of marina facility expansion; Redfish Bay, Texas.

3. Confidential client. Major oil company. Designed and built a seagrass bed at a mitigation site in Laguna Madre, Texas.

4. Lake Padre Development Corp. Designed and built a 7.0 acre *Spartina alterniflora* / *Batis maritima*, brackish and fresh marsh and submergent habitat wetlands on North Padre Island, Texas.

5. Completed certification as a Registered Environmental Manager, Registration #3011.

Mrs. Patricia B. Clements

U.S. Fish and Wildlife Service

Texas A & M University - Corpus Christi

Campus Box 338

6300 Ocean Drive

Corpus Christi, TX 78412

Work phone: (512) 994-9005

FAX: (512) 994-8262

Fishery Biologist

Projects:

Evaluations of projects impacting fish and wildlife habitats.

Mr. Dolan Dunn

U.S. Army Corps of Engineers, Galveston District

Regulatory Branch

P.O. Box 1229

Galveston, TX 77553

Work phone: (409) 766-3935

FAX: (409) 766-3931

Chief, Special Actions Section.

Projects:

1. Jurisdiction from Cameron Parish, Louisiana, to Mexico for the Department of the Army Permit Program.

Mr. Rudy G. Esquivel

U.S. Soil Conservation Service

Plant Materials Center

Texas A&I University Campus Box 218

Kingsville, TX 78363

Work phone: (512) 595-3960

FAX: (512) 595-3713

Assistant Manager.

Projects:

1. Primary practices rearing of prairie grasses and forbes (switch grass, green sprinkle grass, Russian olive, kidney woods, *Pasculum*, alkali sacaton)
2. Starting *Spartina* germ plasm propagation project.

Mr. Philip O. Glass

U.S. Fish and Wildlife Service
17629 El Camino Real, Suite 211
Houston, TX 77058

Work phone: (713) 286-8282

FAX: (713) 488-5882

Fish and wildlife biologist

Projects:

1. Houston Ship Channel Widening Project. Creation of saltmarsh habitat on dredged material islands.
2. Colonial waterbird colony census and research in Galveston Bay.

Ms. Alisha R. Goldberg

National Marine Fisheries Service
SEFC Galveston Laboratory
4700 Ave U

Galveston, TX 77551-5997

Work phone: (409) 766-3550

FAX: (409) 766-3508

Fishery Biologist; benthic infauna, transplanted saltmarsh.

Projects:

1. Galveston Island State Park marsh evaluation for fisheries species.
2. A study of the development of benthic infauna in a transplanted *Spartina alterniflora* marsh, 1992-1993.

Mr. Richard Harrington

Texas Parks & Wildlife Department
Resource Protection Div., Habitat Assessment Branch
Texas A & M University - Corpus Christi
6300 Ocean Drive, Campus Box 317
Corpus Christi, TX 78412

Work phone: (512) 993-4491

FAX: (512) 993-4597

Regional biologist; protect wildlife and fishery resources and habitats.

Projects:

1. Provide recommendations regarding avoiding, minimizing, and compensating for wetland impacts.
2. Monitor required wetland, marsh, and seagrass bed mitigation projects for compliance and success.
3. Coordinate with the SCS concerning use of *Spartina alterniflora* for shoreline stabilization in middle and south Texas bays.
4. Recommend areas for beneficial use of dredged material, including areas for marsh creation, e.g. the 13 acres of marsh created by the Mitchell Energy Corporation in Mesquite Bay, Texas, which increases feeding habitat for the endangered whooping crane.

Ms. Lynnda M. Kahn

Texas General Land Office
111 West Wilson, Naylor Bldg.
Aransas Pass, TX 78336

Work phone: (512) 758-7228

FAX: (512) 758-1430

Environmental Quality Specialist; field inspections, including wetlands and coastal marshes.

Projects:

1. Clark Island mitigation in lower Laguna Madre involved excavation and planting of a 3 acre site with *S. alterniflora* and *Halodule wrightii*, 1989.
2. Pelone Island in Corpus Christi Bay had a 3 acre site excavated and 1.5 acres of it planted with *Halodule*, 1988.
3. Evaluation of a 20 acre excavated site in the upper Laguna Madre, which was done for the establishment of seagrass habitat. No planting was required, 1991.

Mr. Paul Lazarene

U.S. Army Corps of Engineers, Galveston District
Corpus Christi Area Office
P.O. Box 2948

Corpus Christi, TX 78403-2948

Work phone: (512) 880-8135

FAX: (512) 884-4959

Wetlands Biologist, regulatory.

Projects:

1. Wetland delineations, various.
2. Investigation of unauthorized activities in the coastal area.

Mr. John Lloyd-Reilley

U.S. Soil Conservation Service
Plant Materials Center
R.R. 1, Box 608-T
Kingsville, TX 78363

Work phone: (512) 595-1313

FAX: (512) 595-3713

Manager.

Projects:

1. Evaluates growth characteristics of grasses and forbes for soil and water conservation (sand dune stabilization, saline soil regeneration, water quality improvement for sewage treatment plants, wildlife habitat and cool-season forages).
2. *Spartina* plant propagation.
3. Out-planting for shoreline erosion and evaluating *Rhizoctenia* resistance and salinity tolerance.

Dr. Geoffrey A. Matthews

National Marine Fisheries Service
SEFC Galveston Laboratory
4700 Ave U
Galveston, TX 77551-5997

Work phone: (409) 766-3532

FAX: (409) 766-3508

Biological oceanographer; Habitat research; Forecast modeling.

Projects:

1. Marsh REC directory, annotated bibliography, and techniques evaluation.

2. Created/restored *Spartina alterniflora* marsh inventory and monitoring.

Mr. John E. Mauney

Number "1" Nursery
Landscape Division
131 Rabon Chapel Road
Montgomery, TX 77356

Work phone: (409) 588-2508,
1-800-288-2508

FAX: -

Owner/manager; Contract growing, reforestation, landscape consulting.

Projects:

1. Trout Creek Flood Control, Kirbyville, Texas. Nov. 1990 - reforestation using 800 1-gal trees 1-5 feet tall.
2. Harris County Flood Control District, Unit No.E500-04-00, mitigation planting and maintenance, Job No: 93/0094; planting of 5000 1-gal trees.
3. Growing *Spartina alterniflora* for restoration projects.

Mr. Rick Medina

U.S. Army Corps of Engineers, Galveston Dist.
Environmental Resources Branch
P.O. Box 1229
Galveston, TX 77550-1229

Work phone: (409) 766-3044

FAX: (409) 766-3064

Chief, Environmental Resources Branch

Projects:

1. Pelican Spit *Spartina alterniflora* marsh creation.
2. East Matagorda Bay *Spartina alterniflora* marsh creation.
3. Chocolate Bayou *Spartina alterniflora* marsh creation.

Dr. Thomas J. Minello

National Marine Fisheries Service
SEFC Galveston Laboratory
4700 Ave U
Galveston, TX 77551-5997

Work phone: (409) 766-3506

FAX: (409) 766-3508

Research Ecologist; habitat interactions with fishery species.

Projects:

1. Marsh REC directory, bibliography & evaluation of successful techniques.
2. Comparisons of fishery value in natural and created marshes.
3. Relationships between sediments and benthic infauna in created marshes.

Mr. Donald Moore

National Marine Fisheries Service
SEFC Habitat Protection Division
4700 Avenue U
Galveston, TX 77551-5997

Work phone: (409) 766-3699

FAX: (409) 766-3575

Director of NMFS Habitat Conservation office for Texas; fisheries and wetlands.

Projects:

1. Evaluates proposed changes to fisheries habitats, and makes recommendations which will minimize impacts to the habitats; else, seeks mitigation when habitat damages occur.
2. Mouth of the Colorado River, Texas, Diversion Project, June, 1989. Promoted the diversion of the river back into Matagorda Bay.
3. Corpus Christi, Texas, Ship Channel Project. Actions prevented deposition of dredged material which would have covered one fifth of Nueces Bay.
4. Houston-Galveston, Texas, Ship Channel Project. Delayed authorization for dredging until studies of the environmental impacts of using dredged material in the bay can be evaluated; authorization delayed until 1996.

Mr. Lloyd Mullins

Texas General Land Office, Field Operations
111 W. Wilson, 2nd floor Naylor Bldg.
Aransas Pass, TX 78336

Work phone: (512) 758-7228

FAX: (512) 758-1430

Office Manager and Field Biologist; wetland mitigation and permitting.

Projects:

1. Clark Island mitigation in lower Laguna Madre involved excavation and planting of a 3 acre site with *S. alterniflora* and *Halodule wrightii*, 1989.
2. Pelone Island in Corpus Christi Bay had a 3 acre site excavated and 1.5 acres of it planted with *Halodule*, 1988.
3. Evaluation of a 20 acre excavated site in the upper Laguna Madre, which was done for the establishment of seagrass habitat. No planting was required, 1991.

Mr. Robert William Nailon

ENSR Consulting and Engineering
Toxicology & Risk Management
3000 Richmond Ave.
Houston, TX 77098

Work phone: (713) 520-9900

FAX: (713) 520-6802

Senior Fisheries Biologist/Wetlands.

Projects:

1. East Galveston Bay, 1985, *Spartina alterniflora* marsh created on north shoreline; 9 mile fetch; difficult to establish but now functional marsh with fisheries organisms.
2. San Jacinto River, 1988, *Spartina alterniflora* marsh created on dredge material islands; difficult to establish without fencing plots, i.e.. predation by rabbits, grass carp, nutria, and grasshoppers.
3. Taylor Lake, 1991 (EPA grant); *Spartina alterniflora* marsh.

4. Swan Lake, Texas City area, 1992 (EPA grant); *Spartina alterniflora* marsh shows initial success.
5. Trinity River delta, 1991-1992 (EPA grant); *Spartina alterniflora* marsh showed moderate success but nutria predation was a problem.
6. LaPorte, Little Cedar Bayou, 1991 (EPA grant); *Spartina alterniflora* marsh successful, but ship wake problem exists.
7. Morgans Point, 1991 (EPA grant); *Spartina alterniflora* marsh; initial success; ship wakes are again a problem.

Mr. Brien A. Nicolau

Texas A & M University - Corpus Christi
Center for Coastal Studies
6300 Ocean Drive
Corpus Christi, TX 78412

Work phone: (512) 994-2736 or 2465

FAX: -

Graduate Research Assistant. Benthos and epifauna of coastal wetlands.

Projects:

1. Monitoring of the benthos and epifauna in the area of a failed attempt at creating a *Spartina alterniflora* salt marsh in the Nueces River delta, Texas, 1991-1993.
2. Creation of a 'mini' *Spartina alterniflora* salt marsh in relation to water level fluctuations and soil elevation in the Nueces River delta.

Mrs. Katie Northrup

Northrup Associates, Inc.
9328 Westview Drive, Suite 100
Houston, TX 77055

Work phone: (713) 461-3489

FAX: (713) 461-2671

Environmental Planner; consulting.

Dr. Lawrence P. Rozas

National Marine Fisheries Service
SEFC Galveston Laboratory
4700 Avenue U
Galveston, TX 77551-5997

Work phone: (409) 766-3532

FAX: (409) 766-3508

Ecologist; Estuarine/wetlands, fisheries ecology.

Projects:

1. Influence of hydroperiod on use of Gulf coast marshes by fishes and macro crustaceans. 1990-93 studying relationship between salt marsh elevation and use by nekton; *Spartina alterniflora* and *Distichlis spicata* marshes.
2. Potential for enhancement of fisheries habitat by filling OCS pipeline canals. 1990-93 studying relationship between canal depth and habitat utilization in brackish and salt marshes.
3. Nekton use of the marsh surface: a comparison between channeled and natural marshes. 1989-1992 examined

Spartina alterniflora marsh-surface used by nekton on marshes adjacent to pipeline canals and on natural marshes.

4. Evaluation of marsh creation on Atkinson Island dredged material with respect to establishing a fisheries habitat.

Mr. Eddie Seidensticker

U.S. Soil Conservation Service
17324-A Hwy. 3
Webster, TX 77598

Work phone: (713) 332-3381

FAX: (713) 332-3253

Resource Conservationist/ vegetative shoreline erosion control specialist.

Projects:

1. Morgan's Point, shoreline stabilization using *Spartina alterniflora*; 1992.
2. Little Cedar Bayou, south shore stabilization with *S. alterniflora*; 1991, 1992.
3. Several plantings of *S. alterniflora* along the San Jacinto River; 1990-1992.
4. At least 12 other projects for shoreline stabilization using *Spartina alterniflora*, in the Galveston Bay area.

Ms. Linda Shead

Galveston Bay Foundation
17324-A Hwy. 3
Webster, TX 77598

Work phone: (713) 332-3381

FAX: (713) 332-3153

Executive Director.

Projects:

1. Morgan's Point, shoreline stabilization using *Spartina alterniflora*; 1992.
2. Little Cedar Bayou, south shore stabilization with *S. alterniflora*; 1991, 1992.
3. Several plantings of *S. alterniflora* along the San Jacinto River; 1990-1992.

Dr. R. Michael Smart

U.S. Army Corps of Engineers
Waterways Experiment Station
RR 3, Box 446
Lewisville, TX 75056-9720

Work phone: (214) 436-2215

FAX: (214) 436-1402

Research Team Leader; Aquatic plant ecologist.

Projects:

1. Studies with freshwater plants.

Mr. R. Darrell Smith

Jones/Smith Environmental Services, Inc.
P.O. Drawer M
Dickinson, TX 77539

Work phone: (713) 585-1766

FAX: (713) 331-4119 (more)

Aquatic Ecologist; wetlands and endangered species.
Mitigation plan for *Spartina* planting project. Located at the mouth of the San Jacinto River, 1993.

Mr. James A. Sutherlin

Texas Parks and Wildlife Department
J.D. Murphree Wildlife Management Area
10 Parks and Wildlife Drive
Port Arthur, TX 77640

Work phone: (409) 736-2551

FAX: (409) 736-0382

Wildlife Biologist.

Projects:

1. J.D. Murphree Wildlife Management Area, Jefferson County.
2. Lower Neches Wildlife Management Area, Orange County.

Mr. Russell E. Swafford

National Marine Fisheries Service
SEFC Galveston Laboratory, Habitat Conservation Division
4700 Ave U
Galveston, TX 77551-5997

Work phone: (409) 766-3699

FAX: (409) 766-3575

Fisheries Habitat Conservationist; wetlands, fisheries ecology.

Projects:

1. Wetlands mitigation/restoration; many projects such as a 5 acre plot along Swan Lake where a *Spartina alterniflora* marsh was restored by Amoco Oil in 1992, and the Pierce Marsh creation of a *Spartina alterniflora* - *S. patens* marsh by Sandifer Petroleum in 1992.
2. Seagrass mitigation/restoration; many projects including the Padre Isles Subdivision restoration of about 2 acres of seagrass beds in Upper Laguna Madre.
3. Beneficial uses of dredged material; monitoring of 250 acres at Atkinson Island and West Bay demonstration projects involving marsh creation and stabilization of shorelines using dredged material and *Spartina alterniflora*.

Mr. David L. Trimm

ENTRIX, Inc.
515 Post Oak Blvd., Suite 400
Houston, TX 77027

Work phone: (713) 960-9733

FAX: (713) 960-9461

Senior Staff Scientist/ Marine fisheries/ Ecology/ Wetlands ecology.

Dr. John W. Tunnell, Jr.

Texas A & M University - Corpus Christi
Center for Coastal Studies
6300 Ocean Drive
Corpus Christi, TX 78412

Work phone: (512) 994-2768

FAX: (512) 994-2770

Director of the Center for Coastal Studies; Research and teaching of coastal biology.

Projects:

1. Mitigation monitoring of a salt marsh creation project, Nueces River Delta, TX, 1989-present.
2. Environmental impact and recovery of the EXXON Pipeline oil spill and burn site (high marsh), Copano Bay, 1992-present.

Ms. Mary Ellen Vega

Texas Parks & Wildlife Department
Resource Protection Div., Habitat Assessment Branch
c/o Corpus Christi State Univ., Campus Box 317
6300 Ocean Drive
Corpus Christi, TX 78412

Work phone: (512) 993-4491

FAX: (512) 993-4597

Biologist; protect wildlife and fishery resources and habitats.

Projects:

1. Provide recommendations regarding avoiding, minimizing, and compensating for wetland impacts.
2. Monitor required wetland, marsh, and seagrass bed mitigation projects for compliance and success.
3. Coordinate with the SCS concerning use of *Spartina alterniflora* for shoreline stabilization in middle and south Texas bays.
4. Recommend areas for beneficial use of dredged material, including areas for marsh creation, e.g. the 13 acres of marsh created by the Mitchell Energy Corporation in Mesquite Bay, Texas, which increases feeding habitat for the endangered whooping crane.

Dr. James W. Webb, Jr.

Texas A&M University at Galveston
P.O. Box 1675
Galveston, TX 77553

Work phone: (409) 740-4542

FAX: (409) 740-5001

Professor; Research on *Spartina* marsh restoration and creation.

Projects:

1. An ecosystem comparison of transplanted and native salt marshes: the chronological development of habitat value for fishery species. NOAA Coastal Ocean Program, Estuarine Habitat Research Program. 1990-93.
2. Habitat availability and utilization by benthos and nekton in Hall's Lake and West Galveston Bay. NMFS/US Army COE program. 1991.
3. Salt marsh mitigation for Motco Superfund site.

Mr. Frederick T. Werner, Jr.

U.S. Fish and Wildlife Service
17629 El Camino Real, Suite 211
Houston, TX 77058

Work phone: (713) 286-8282

FAX: (713) 488-5882

Fish and wildlife biologist

Projects:

1. Seabrook Slough; federal project to mitigate impacted wetlands. *Spartina alterniflora* was planted to establish saltmarsh.
2. Saltmarsh restoration at a site along the north shore of Clear Lake; property owned by Harry Reed.

Mr. Richard M. Yuill

ENTRIX, Inc.

515 Post Oak Blvd., Suite 400

Houston, TX 77027

Work phone: (713) 960-9733

FAX: (713) 960-9461

Environmental Sciences Group Manager; Estuarine benthos, wetlands ecology

Projects:

Dr. Roger J. Zimmerman

National Marine Fisheries Service

SEFC Galveston Laboratory

4700 Ave. U

Galveston, TX 77551-5997

Work phone: (409) 766-3500

FAX: (409) 766-3508

Acting Lab Director, Galveston Lab; Research ecologist, habitats for fisheries organisms.

Projects:

1. Galveston Island State Park marsh evaluation for fisheries species.
2. Galveston Bay habitat evaluation for placement of dredged material from the Houston Ship Channel widening.
3. Feeding preferences of juvenile penaeid shrimp.

Virginia

Dr. Linda K. Blum

University of Virginia-Charlottesville

Department of Environmental Science

Clark Hall

Charlottesville, VA 22903

Work phone: (804) 924-0560

FAX: (804) 982-2137 more...

Research Assistant Professor. Microbial and estuarine ecology.

Projects:

1. A study of root dynamics and microbial processes involved with carbon and nitrogen changes in decay and production by short and tall forms of *Spartina alterniflora*.
2. A comparison of the contributions of *Spartina alterniflora* and phytoplankton to the dissolved organic carbon pool used by bacteria in a tidal creek.

Mr. Terry Getchell

U.S. Army Corps of Engineers

Civil Programs Branch

803 Front St.

Norfolk, VA 23510

Work phone: (804) 441-7617

Environmental scientist; wetlands and hardwood swamps.

Projects:

1. Various sites on the Elizabeth River had marsh creation/restoration actions; total area of about 10 acres.
2. Hampton Roads sites with marsh creation; total area of about 20 acres; from 1987-present.
3. Proposed project to convert a barrow pit into about 20 acres of *Spartina alterniflora* marsh and 10 acres of hardwood swamp; proposed for 1994-95.

Mrs. Robin V. Morgan

Williamsburg Environmental Group, Inc.

P.O. Box 3584

Williamsburg, VA 23187

Work phone: (804) 220-6869

FAX: (804) 229-4507

Ecologist; consulting.

Projects:

1. Restoration of a 0.5 acre marsh along the Elizabeth River in Tidewater, Virginia, by sprigging with *Spartina alterniflora*.
2. Several palustrine mitigation projects that involved design and creation; emergent and forested wetlands mainly in central Virginia.

Mr. A. Keith Taniguchi

U.S. Fish and Wildlife Service,

Habitat Conservation, Coastal & Wetland Resources

4401 N. Fairfax Drive, 400 ARLSQ

Arlington, VA 22203

Work phone: (703) 358-2201

FAX: (703) 358-2232

Information specialist, wetlands.

Washington

Dr. David A. Armstrong

University of Washington

School of Fisheries, WH-10

Seattle, WA 98195

Work phone: (206) 543-6132

FAX: (206) 685-3224

Professor; invertebrate ecology.

Projects:

1. Ecology of tidal flats in NW estuaries.
2. Use of intertidal oyster shell to enhance recruitment and survival of 0+ dungeness crab (*Cancer magister*) in Grays Harbor Estuary. This project has led to construction of over 8 hectares of shell habitat, and includes provisions to

limit movement of *Spartina* seed from Willapa Bay with shell transported from that estuary.

3. Shell, shrimp and eelgrass interactions in the Willapa estuary. The healthy shell/eelgrass tideflats lacks high densities of thalassinid shrimp, and may reduce proliferation of exotic *Spartina alterniflora* in estuaries of the Pacific Northwest.

Dr. Douglas A. Bulthuis

Padilla Bay National Estuarine Research Reserve
Washington State Department of Ecology
1043 Bay View - Edison Road
Mount Vernon, WA 98273

Work phone: (206) 428-1558

FAX: (206) 428-1491

Research Coordinator; seagrasses, estuarine biology.

Projects:

1. Assess the effectiveness of glyphosate on killing *Spartina alterniflora* in Padilla Bay, and the effects on adjacent and intermixed native salt marsh plants. June 1992.

Mr. Brett R. Dumbauld

Washington State Department of Fisheries
Marine Fish/Shellfish
P.O. Box 190
Ocean Park, WA 98640

Work phone: (206) 665-4166

FAX: (206) 665-6716

Fisheries Biologist; shellfish life history, estuarine ecology of Willapa Bay.

Projects:

1. Willapa Bay habitat inventory; aerial overflights and ground-truthing to assess the *Spartina* and other habitat acreage; create a GIS database. 1993-1994.
2. Effects of introduced *Spartina alterniflora* on native bivalve populations in Willapa Bay; 1992-1993.

Mr. Steve L. Foss

Washington State Department of Agriculture
Pesticide Management Division
P.O. Box 42589
Olympia, WA 98504-2589

Work phone: (206) 902-2049

FAX: (206) 902-2093

Pesticide Specialist; Agriculture, education.

Projects:

1. Education: *Spartina* - Threat to Washington's saltwater habitat.

Mr. James A. Hidy

U.S. Fish and Wildlife Service
Willapa National Wildlife Refuge & Satellites
HC 01 Box 910
Ilwaco, WA 98624-9707

Work phone: (206) 484-3482

FAX: (206) 484-3109

Refuge manager; *Spartina* control.

Projects:

1. Control of *Spartina alterniflora*; possible elimination of it from areas of Willapa Bay. Mechanical control, 1989.
2. Fish use of cordgrass, 1990.
3. Use of glyphosate on *Spartina*, efficacy, impacts to non-target organisms, fate.

Dr. Thomas F. Mumford

Washington Department of Natural Resources, Division of Aquatic Lands
P.O. Box 47028
Olympia, WA 98504-7028

Work phone: (206) 902-1079

FAX: (206) 902-1786

Section Head, Environmental Information; algology and geographical information systems.

Projects:

1. Characterization of nearshore habitats in Puget Sound, WA. 1990. Mapping includes *Spartina spp.* marshes.
2. Programmatic EIS for nations emergent aquatic plants in Washington; 1991, for management of *Spartina* and loosestrife.
3. Inventory of *Spartina spp.* in Washington, 1991-92, using ground and aerial surveys.
4. Environmental impacts of different control methods for controlling the spread of *Spartina spp.* in Washington. 1991-92.

Ms. Sharon R. Riggs

Washington State Department of Ecology
Padilla Bay National Estuarine Research Reserve
1043 Bayview-Edison Road
Mount Vernon, WA 98273

Work phone: (206) 428-1558

FAX: (206) 428-1491

Program Coordinator; administration and estuarine ecological research.

Projects:

1. Distribution of *Spartina alterniflora* in Padilla Bay, Wash., 1991, Pad. Bay Ntl. Est. Res. Reserve Tech. Rpt. No. 3.
2. Net aerial primary productivity of *S. alterniflora* in Pad. Bay, Wash., 1992-1993. Used a non-destructive method to measure net aerial primary productivity over a year.

Ms. Kathleen A. Sayce

Shoalwater Botanical
P.O. Box 91
Nahcotta, WA 98637

Work phone: (206) 665-5292

FAX: (206) 665-5292

Botanist; salt marshes in estuaries.

Projects:

1. A study of *Spartina alterniflora* in Willapa Bay, WA. USFWS study 1987-88.
(more)

2. Survey of *S. alterniflora* in Willapa Bay includes annual seed set and vertical placement in the intertidal zone, 1988- .

3. Monitoring of diatoms in Willapa Bay, planktonic, benthic and epiphytic.

Mr. Charles A. Simenstad
University of Washington
Wetlands Ecosystem Team
Fisheries Research Institute, WH-10
Seattle, WA 98195

Work phone: (206) 543-7185

FAX: (206) 685-7471

Marine Biologist; Ecosystems, wetlands, fisheries biology.

Projects:

Studies of the invertebrates in Willapa Bay.

Mr. Curtis D. Tanner
U.S. Fish and Wildlife Service
3704 Griffin Ln. SE, Suite 102
Olympia, WA 98501-2192

Work phone: (206) 753-9440

FAX: (206) 753-9008

Wildlife biologist; wetlands.

Projects:

Coastal America intertidal habitat restoration projects in the Duwamish River estuary, Seattle, WA; (7/1//90).

Projects were designed to 1) increase the amount and quality of resource base in the Duwamish River estuary; 2) investigate novel approaches to habitat restoration/enhancement in an urban environment; and 3) develop an inter-agency approach to non-compensatory habitat restoration.

Dr. Ronald M. Thom
Battelle Marine Sciences Laboratory
Marine & Wetland Resources Group
1529 W. Sequim Bay Road
Sequim, WA 98382

Work phone: (206) 681-3657

FAX: (206) 681-3681

Group leader; estuarine and marine plant ecology; wetlands, coastal systems; consultant.

Projects:

1. Sea level rise effects on coastal marshes. March 1991.

2. Effects of graveling beaches on nutrient flux rate and benthic primary productivity. March 1991.

3. Effects of oil on kelp. June 1992.

4. *Spartina alterniflora* ecology in Willapa Bay; project to start July, 1993.

Mr. Steve Wirth

Newstart Nursery

565 Juniper Beach Road

Camano Island, WA 98292

Work phone: (206) 629-3751

FAX: -

Manager/owner of a nursery; also is licensed to apply herbicides.

Projects:

1. Pilot study to use Rodeo to eradicate *Spartina townsendi* at Livingston Bay Park; 1992.

NMFS and COP Salt marsh Restoration Directory

Dr. Geoffrey A. Matthews of Dr. Thomas J. Minello
NMFS Laboratory, 4700 Ave. U, Galveston, TX 77551
(409) 766-3500 or FAX 766-3508

Dr. Mr. Mrs. Ms. _____
First MI Last

Organization: _____

Department: _____

Address: _____
Street

City State Zipcode

Telephone: () _____ FAX: _____

Internet: _____ Email: _____

Job- Function: _____

Specialty: _____

Computer: _____

Brief description of your recent/current projects. (What, When & Where)
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Project 2.

Project 3.

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